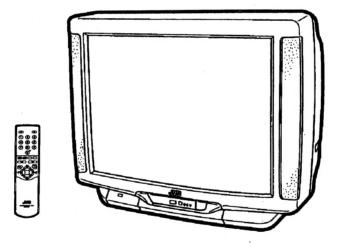
JVC

SERVICE MANUAL

COLOUR TELEVISION

AV-29TS2EN AV-29TS2EK AV-29TS2PF BASIC CHASSIS

JE



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SPECIFICATIONS

ltem	Content				
item	AV-29TS2EN AV-29TS2EK AV-29TS2PF				
Dimensions (W×H×D)	73.3×58.3×48.7cm	and the second s			
Mass	37.8kg				
TV RF System	CCIR(B/G)	CCIR(I)	CCIR(B/G, L, I)		
Colour System	PAL/SECAM	PAL	PAL/SECAM		
	/NTSC(Only in EXT mode)	/NTSC(Only in EXT mode)	/NTSC(Only in EXT mode)		
Stereo System	A2/NICAM	NICAM	A2/NICAM		
Teletext System	Fastext(United Kingdom system),	Fastext(United Kingdom system),	Fastext(United Kingdom system)		
	TOP(German system)	WST(Standard system)	TOP(German system)		
	WST(Standard system)		WST(Standard system)		
Receiving Freq.					
VHF(L)	47MHz~88MHz		47MHz~88MHz		
VHF(H)	174MHz~230MHz		174MHz~230MHz		
UHF	470MHz~862MHz	470MHz~862MHz	470MHz~862MHz		
CATV(M)	68MHz~175MHz		68MHz~175MHz		
CATV(S)	230MHz~301MHz				
			230MHz~301MHz		
CATV(H)	302MHz~470MHz		302MHz~470MHz		
Intermediate Freq.					
VIF Carrier	38.9MHz(B/G)	30 FM I=(I)	20 01/11/4 12/0 12/14 055111 4/2		
SIF Carrier		39.5MHz(I)	38.9MHz(L,B/G,I)/34.25MHz(L'		
SIF Carrier	33.4(5.5MHz)	33.5(6.0MHz)	33.4(5.5MHz:B/G) 33.9(6.0MHz:		
			32.4(6.5MHz:L)		
Colour Coth Coming Fore			/ 40.75 (6.5MHz:L')		
Colour Sub Carrier Freq.	4.401411-				
PAL	4.43MHz	4.43MHz	4.43MHz		
SECAM NTSC	4.0625MHz/4.25MHz	250141-14 40141-	4.0625MHz/4.25MHz		
NISC	3.58MHz/4.43MHz	3.58MHz/4.43MHz	3.58MHz/4.43MHz		
Aerial Input Term	75 Ω Unbalanced, Coaxial				
Power Input	220V~240V AC, 50Hz				
Power Consumption	146W(Max)/98W(Avg), 98W/h(IT,	ALY)			
•	, , , , , , , , , , , , , , , , , , , ,				
Picture Tube	Visible size : 68cm, Measured dia	gonally			
High Voltage	31.0kV +1kV (at zero beam cu	irrent)	ing series of the series of th		
Speaker	5×12cm Oval Type, 8 Ω ×2				
Audio Output	5W×5W				
EXT-1/EXT-2(Input/Output)	21-pin Euro connector(SCART so	cket)			
EXT-3(Input) Video	1Vp-p 75 Ω (RCA pin jack)				
Audio(L/R)	500mVrms(-4dBs), High Impedance (RCA pin jack)				
leadphone jack	Stereo mini jack (\$\phi 3.5mm)				
reachione lack		RM-C794	RM-C795		
	KIVI-U/90				
Remote Control Unit	RM-C795 AAA(R03) dry battery × 2				
	AAA(R03) dry battery × 2	AAA(R03) dry battery × 2	AAA(R03) dry battery × 2		

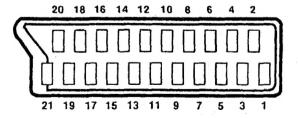
Design & specification are subject to change without notice.

■21-pin Euro connector (SCART socket): EXT-1 / EXT-2

(P-P= Peak to Peak, S-W= Sync tip to white peak, B-W= Blanking to white peak)

Pin No.	Signal Designation	Matching Value	EXT-1	EXT-2
1	AUDIO R output	500mVrms(Nominal), Low impedance	0	0
:			(TV OUT)	(TV/LINE OUT)
2	AUDIO R input	500mVrms(Nominal), High impedance	0	0
3	AUDIO L output	500mVrms(Nominal), Low impedance	0	0
		·	(TV OUT)	(TV/LINE OUT)
4	AUDIO GND		0	0
5	GND (B)		0	0
6	AUDIO L input	500mVrms(Nominal), High impedance	0	0
7.	B input	700mV _{B-W} , 75 Ω	0	NC
8	FUNCTON SW (SLOW SW)	Low : 0-3V, High : 8-12V, High impedance	0	NC
9	GND (G)		0	0
10	-		NC	
10	SCL3			0
11	G input	700mV _{B-W} , 75 Ω	0	NC
12			NC	
12	SDA3		-	0
13	GND (R)		0	0
14	GND (Ys)		0	NC
15	R / C input	R : 700mV _{B-W} , 75 Ω	0	0
		C : 300mV _{P-P} , 75 Ω	(R/C)	(only C)
16	Ys input	Low : 0 - 0.4, High : 1 - 3V, 75 Ω	0	NC
17	GND(VIDEO output)	D(VIDEO output)		0
18	GND(VIDEO input)		0	0
19	VIDEO output	1V _{s-w} (Negative going sync), 75 Ω	0	0
		[Use the adjustment of DETECTOR LEVEL]	(TV)	(TV/LINE OUT)
20	VIDEO / Y input	1V _{s-w} (Negative going sync), 75 Ω	0	0
21	COMMON GND		0	0

[Pin assignment]



No.51204 2-3

AV-29TS2PF

[AV-29TS2EN/AV-29TS2PF]

SAFETY PRCAUTIONS

- The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- 3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. Electrical components having such features are identified by shading on the schematics and by (A) on the parts list in Service manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when renairing.

Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\bot) side GND, the ISOLATED(NEUTRAL) : (\bot) side GND and EARTH : (\oplus) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.

If above note will not be kept, a fuse or any parts will be broken.

- If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
- 6. The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
- 7. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a $10 \text{k}\Omega$ 2W resistor to the anode button.
- 8. When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

9. Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

(1) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second.

(.... Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)

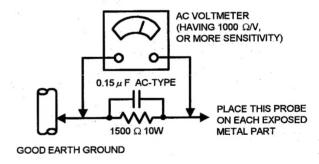
This method of test requires a test equipment not generally found in the service trade.

(2) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a $0.15\mu F$ AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.35V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).



[AV-29TS2EK]

SAFETY RPECAUTIONS

- The design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- Alterations of the design or circuitry of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessary be obtained by using replacement components
- rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (Δ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the Parts List of Service Manual may cause shock, fire, or other hazards.
- 4. The leads in the products are routed and dressed with ties, clamps, tubing's, barriers and the like to be separated from live parts, high temperature parts, moving parts and / or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

WARNING

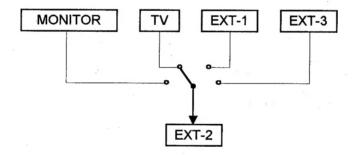
- 1. The equipment has been designed and manufactured to meet international safety standards.
- It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- 3. Repairs must be made in accordance with the relevant safety standards.
- It is essential that safety critical components are replaced by approved parts.
- If mains voltage selector is provided, check setting for local voltage.

FEATURES [AV-29TS2EN, AV-29TS2PF]

- 1. The TELETEXT SYSTEM has a built-in FASTEXT, TOP & WST system.
- 2. By means of AUTO SET, the TV stations can be selected automatically and the TV channels can also be rearranged automatically.
- Built-in ECO (ECONOMY, ECOLOGY) MODE
 In accordance with the brightness in a room, the brightness and / or contrast of the picture can be adjusted automatically to make the optimum picture which is easy on the eye.
- 4. The audio circuit has a built-in A2/NICAM stereo system.
- 5. The EXT-2 TERMINAL (21-pin Euro connector) can select the output circuit as shown figure.

FEATURES [AV-29TS2EK]

- 1. The TELETEXT SYSTEM has a built-in FASTEXT & WST system.
- 2. By means of AUTO SET, the TV stations can be selected automatically and the TV channels can also be rearranged automatically.
- Built-in ECO (ECONOMY, ECOLOGY) MODE
 In accordance with the brightness in a room, the brightness and / or contrast of the picture can be adjusted automatically to make the optimum picture which is easy on the eye.
- 4. The audio circuit has a built-in NICAM stereo system.
- 5. The EXT-2 TERMINAL (21-pin Euro connector) can select the output circuit as shown figure.



MAIN DIFFERENCE PARTS LIST

Δ	Parts Name	AV-29TS2EN	AV-29TS2EK	AV-29TS2PF
	MAIN PWB ASS'Y	SJE-1001A-U2	SJE-1901A-U2	SJE-1704A-U2
	AV SEL & MSP PWB ASS'Y	SJE0S001A-U2	SJE0S901A-U2	SJE0S701A-U2
	IF CONTROL PWB ASS'Y	SJE0F001A-U2	SJE0F901A-U2	SJE0F701A-U2
•••••	FRONT CABINET ASS'Y	CM12909-A0B-E	CM12909-A0A-E	←
•••••	CONTROL WINDOW	CM23120-A02-E	CM23120-A01-E	←
Δ	POWER CORD	AEEMP001-185	AEEMP003-185A	AEEMP001-185
•••••	REMOCON UNIT	RM-C795-1E	RM-C794-1E	RM-C795-1E
Δ	INST BOOK	CQ40317-001-E CQ40318-001-E	CQ40319-001-E	CQ40321-001-E
	SET-UP GUIDE	×	CQ40320-001-E	CQ40322-001-E
	ADDRESS CARD	BT-20066A-E	←	BT-20116(192)E
	PACKING CASE	AEM1002-E37-E	AEM1002-048-E	AEM1002-E37-E
	S.DIAGRAM (Only for ITALY)	29TS2EN-HSAE	×	×
Δ	RATING LABEL	CM23156-A01-E CM23157-001-E	CM22875-012-E	CM23159-001-E
	EURO LABEL	AEM1038-042-E	AEM1038-041-E	AEM1038-054-E

SPECIFIC SERVICE INSTRUCTIONS

DISASSEMBLY PROCEDURE

REMOVING THE REAR COVER

- 1. Unplug the power cord.
- Remove the 10 screws marked "X" as shown in the figure.
- 3. Withdraw the rear cover toward you.

REMOVING THE CHASSIS

- After removing the rear cover.
- 1. Slightly raise the both sides of the chassis by hand and remove the two claws under the both sides of the chassis from the front cabinet.
- 2. Withdraw the chassis backward. (If necessary, take off the wire clamp, connectors etc.)

REMOVING THE AV TERMI, BOARD

- After removing the rear cover.
- 1. While raising the claw marked "A" remove the top of the AV TERMI. Board slightly in the direction of arrow "B" as shown in
- 2. Pressing the claws marked "C" ,remove the AV TERMI. Board in the arrow direction marked "D" as shown in Fig. 2

CHECKING THE PW BOARD

- 1. To check the back side of the PW Board.
 - 1) Pull out the chassis. (Refer to REMOVING THE CHASSIS).
 - Erect the chassis vertically so that you can easily check the back side of the PW Board.

ICAUTION

- When erecting the chassis, be careful so that there will be no contacting with other PW Board.
- Before turning on power, make sure that the wire connector is properly connected.

WIRE CLAMPING AND CABLE TIES

- 1. Be sure to clamp the wire.
- 2. Never remove the cable tie used for tying the wires together. Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

COATING OF SILICON GREASE FOR ELECTRICAL INSULATION ON THE CRT ANODE CAP SECTION.

Subsequent to replacement of the CRT and HV transformer or repair of the anode cap, etc. by dismounting them, be sure to coat

Coat silicon grease on the section around the anode button. At this

time, take care so that any silicon greases dose not stick to the

Silicon grease

should be coated

silicon grease for electrical insulation as shown in Fig.4. Wipe around the anode button with clean and dry cloth. (Fig.4)

REMOVING THE CONTROL BASE

1. While pushing down the claws marked "E" remove the CONTROL BASE in the arrow direction "F" as shown in Fig. 3. (If necessary, take off the wire clamp, connectors etc.)

REMOVING THE SPEAKER

- After removing the rear cover.
- Remove the two screws marked "Y" as shown in figure.
- 2. Follow the same steps when removing the other hand speaker.

CRT Anode button Silicon grease coating Fig. 4

by 5mm or more this section from the outside diameter of anode cap. Anode button (No sticking of Coating position silicon grease) of silicon grease

Fig. 5

★ Silicon grease product No. KS - 650N

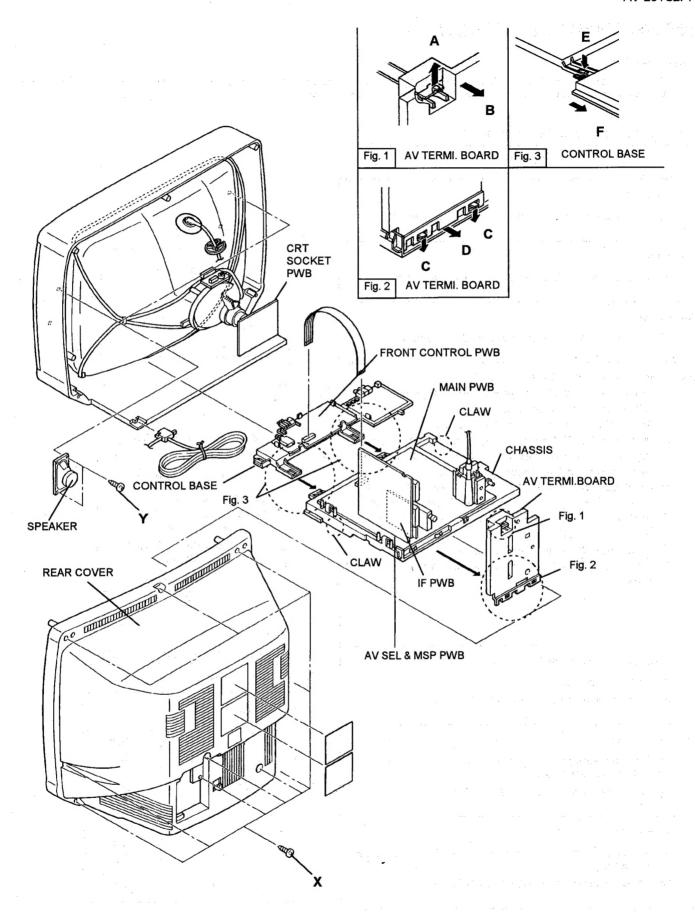
anode button. (Fig.5)

Approx.

20mm (Do not

coat grease on

Anode cap



REPLACEMENT OF MEMORY ICS

1. Memory ICs

This TV use memory ICs (EEP-ROM IC). In the memory ICs, there are memorized data for correctly operating the video and deflection circuits. When replacing memory ICs, be sure to use ICs written with the initial values of data.

2. Procedure for replacing memory ICs

PROCEDURE (1) Power off Switch the power off and unplug the power code from the outlet. (2) Replace ICs. Be sure to use memory ICs written with the initial data values. (3) Power on Plug the power code into the outlet and switch the power on. (4) Check and set SYSTEM CONSTANT SET: 1) Press the INFORMATION key and the MUTE key of the REMOTE CONTROL UNIT simultaneously. 2) The SERVICE MENU screen of Fig. 1 will be displayed. 3) While the SERVICE MENU is displayed press the INFORMATION key and MUTE key simultaneously, and the SYSTEM CONSTANT SET screen of Fig. 2 will be displayed. 4) Check the setting values of the SYSTEM CONSTANT SET of Table 1. If the value is different, select the setting item with the FUNCTION UP/DOWN key, and set the correct value with the FUNCTION -/+ key. 5) Press the MENU key and memorize the setting value. 6) Press the INFORMATION key twice, and return to the normal screen. (5) Setting of receive channels Set the receive channel. For setting, refer to the OPERATING INSTRUCTIONS. (6) User settings Check the user setting values of Table 2, and if setting value is different, set the correct value. For setting, refer to the OPERATING INSTRUCTIONS. (7) Setting of SERVICE MENU Verify the setting items of the SERVICE MENU of Table 3, and reset

SERVICE MENU

SERVICE MENU 1.IF 2.V/C 3.AUDIO 4.DEF 5.VSM PRISET 6.VPS 7.AUDIO PROGRAM (ON) 1-7:SELECT : EXIT

Fig.1

SYSTEM CONSTANT SET

SYSTEM CONSTANT SET				
MODEL=TS2 (V*.****) 1.COUNTRY :EN				
2.INCH :29 -+[ok]:STORE □ :EXIT				
JVC JE BASIC V01				
******* - *****				

Fig.2

NAME OF REMOTE CONTROL KEY

Names of key	key
INFORMATION	(i)
MUTE	×
MENU	OK
FUNCTION UP/DOWN	***
FUNCTION -/+	30

where necessary.

For setting, refer to the SERVICE ADJUSTMENTS.

SETTING VALUES OF SYSTEM CONSTANT SET

		Setting value		
Setting item	Setting content	AV-29TS2EN	AV-29TS2EK	AV-29TS2PF
1. COUNTRY	PF→ IR → UK → EN —	EN	UK	PF
2. INCH	→ 21 → 25 → 29	29	29	29

Table 1

USER SETTING VALUES

Setting item	Setting value	Setting item	Setting value
SUB POWER	ON	COOL/NORMAL	COOL
CHANNEL	1 POSITION	SLEEP TIMER	OFF
ANALUSI DESCET	See ; OPERATING	SPATIAL EFFECT	OFF
CHANNEL PRESET	CHANNEL PRESET INSTRUCTIONS	BLUE BACK	ON
VOLUME	/OLUME Appropriate sound volume	ZOOM	REGULAR
TV / EXT	TV	ECO	OFF
DISPLAY	CHANNEL DISPLAY	BALANCE	CENTER
P/S/N TV/PAL	LANGUAGE	ENGLISH	
HYPER SOUND	HYPER SOUND OFF		ID No.****

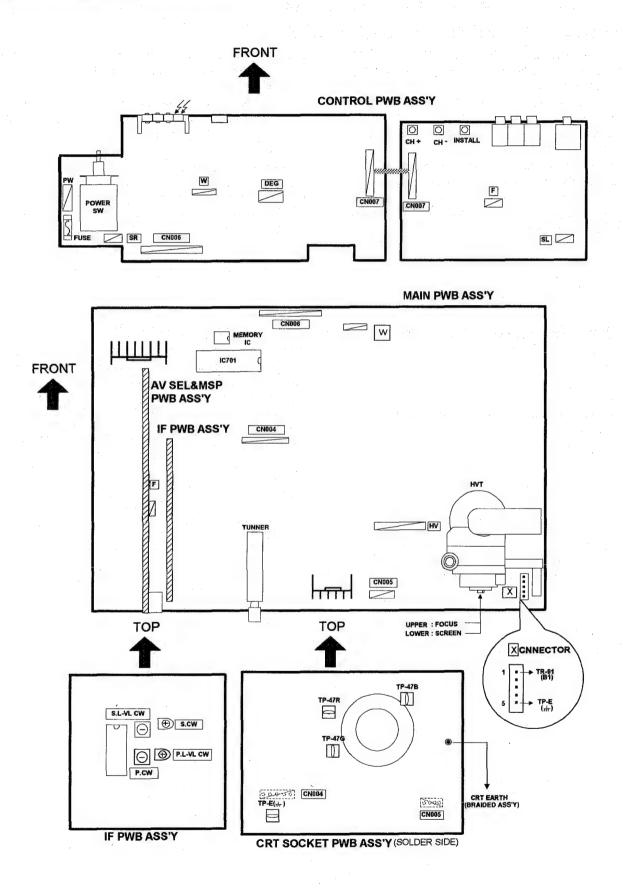
Table 2

SERVICE MENU SETING ITEMS

Setting item	Setting value	Setting item	Setting value
. IF	1. VCO 2. DELAY POINT 3. LV LEVEL(Only AV-29TS2PF)	4. DEF.	1. TRAREZ 2. V-SHIFT 3. V-SIZE 4. H-CENT 5. H-SIZE
2. V/C	1. CUT OFF 2. DRIVE 3. BRIGHT 4. CONT. 5. COLOUR(PAL/SECAM/NTSC) 6. TINT(NTSC) 7. BLACK OFFSET(SECAM) 8. SHARP	5. VSM PRESET (COOL/NORMAL/WARM)	6. EW-PIN 7. V-S. CR(Fixed) 8. V-EDGE(Fixed) 9. EW-COR(Fixed) 10. ABL POINT(Do not adjust) 11. ABL GAIN(Do not adjust) 1. BRIGHT 2. CONT. 3. COLOUR
3. AUDIO	9. TEXT CONT 10. DC TRAN RATE (Do not adjust) 11. BLACK OFFSET 12. B.S.OFF 1. CONC LIMIT		4. SHARP 5. TINT 6. R DRIVE 7. B DRIVE 8. BASS 9. TREBLE
(Do not adjust)	2. A2 ID THR	6. VPS (Do not adjust)	VPS
		7. AUTO PROGRAM (Do not adjust)	ON / OFF

Table 3

ADJUSTMENT LOCATIONS



BASIC OPERATION OF SERVICE MENU

1. TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

2. SERVICE MENU ITEMS

With the SERVICE MENU, various settings (adjustments) can be made, and they are broadly classified in the following items of settings (adjustments):

- (1) 1. IF This mode adjusts the setting values of the IF circuit.
- (2) 2.V/C This mode adjusts the setting values of the VIDEO / CHROMA circuit.
- (3) 3.AUDIO This mode adjusts the setting values of the multiplicity SOUND circuit.
- (4) 4.DEF This mode adjusts the setting values of the DEFLECTION circuit.
- (5) 5.VSM PRSET This mode adjusts the initial setting values of COOL, NOMAL and WARM.

(VSM : video status memory)

(6) 6.VPS · · · · · · · · · · · This mode shows the monitor of the VPS and PDC. (Do not adjust).

(VPS: Video Program System, PDC: Program Delivery Code)

(7) 7.AUTO PROGRAM By turning the power switch on, you can get the state of AUTO PROGRAM. (Do not adjust)

3. BASIC OPERATION OF SERVICE MENU

(1) How to enter SERVICE MENU

Press the INFORMATION key and the MUTE key of the REMOTE CONTROL UNIT simultaneously, and the SERVICE MENU screen of Fig. 1 will be displayed.

SERVICE MENU

SERVICE MENU 2.V/C 3.AUDIO 4.DEF 5.VSM PRISET 6.VPS 7.AUDIO PROGRAM (ON)

1-7:SELECT :EXIT

1.IF

Fig. 1

(2) Selection of SUB MENU SCREEN

Press one of keys 1~7 of the REMOTE CONTROL UNIT and select the SUB MENU SCREEN (See Fig. 3), form the SERVICE MENU.

SERVICE MENU → SUB MENU 1. IF

- 2. V / C
- 3. AUDIO
- 4. DEF.
- 5. VSM PRESET
- 6. VPS
- 7. AUTO PROGRAM

NAME OF REMOTE CONTOROL KEY

Names of key	key
INFORMATION	(i)
MUTE	\bowtie
MENU	ОК
FUNCTION UP/DOWN	(*) (*)
FUNCTION -/+	30

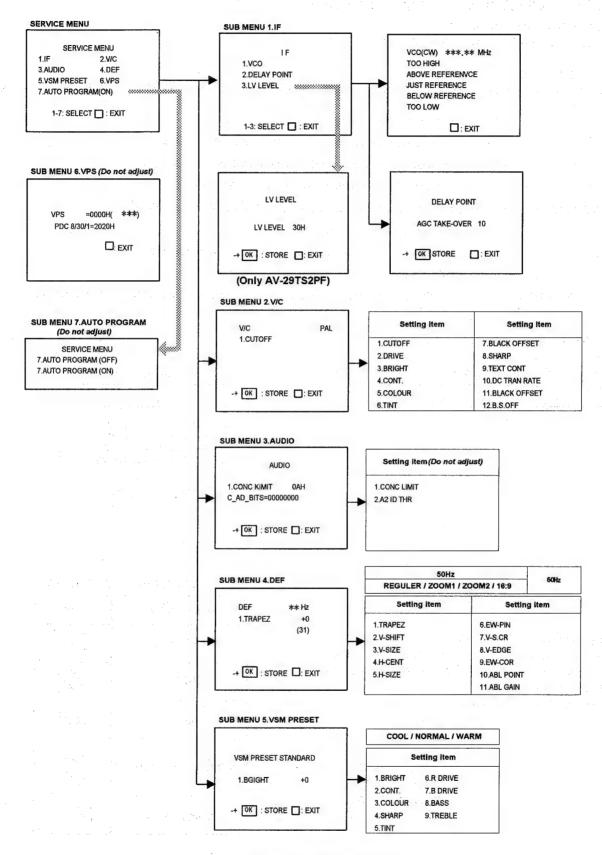


Fig. 3 SUB MENU SCREEN

(3) Method of Setting 1) Method of Setting 1.IF [1. VCO] 1 Kev · · · · · Select 1.IF. 1 1 Key · · · · · Select 1.VCO 2 The VCO (CW) screen will be displayed in yellow when the AFC voltage is at a certain level and in blue when it is at other (3) INFORMATION Key As you press this twice, you will return to the SERVICE MENU. 4 12. DELAY POINT 1 Key · · · · · Select 1.IF. 2 Key · · · · · Select 2.DELAY POINT. 2 FUNCTION -/+ · · · · · · · · · · · Set (adjust) the setting values of the setting items. 3 MENU Key····· Memorize the set value. **(4**) (Before storing the setting values in memory, do not press the CH, TV / VIDEO, DISPLAY, POWER ON / OFF keys - if you do, the values will not be stored in memory.) INFORMATION Key ····· When this is pressed twice, you will return to the SERVICE MENU. [3.LV LEVEL] (Only AV-29TS2PF) 1 Key · · · · · Select 1.IF. 3 Key · · · · · Select 3.LV LEVEL 2 FUNCTION -/+ · · · · · · · · · · Set (adjust) the setting values of the setting items. 3 MENU Key·····Memorize the set value. (4) (Before storing the setting values in memory, do not press the CH, TV / VIDEO, DISPLAY, POWER ON / OFF keys - if you do, the values will not be stored in memory.) INFORMATION KeyWhen this is pressed twice, you will return to the SERVICE MENU. 2) Method of setting 2.V/C, 3.AUDIO, 4.DEF, 5.VSM PRESET and 6.VPS. 2~6 Key · · · · · · · · Select one from 2. V/C, 3. AUDIO, 4. DEF, 5. VSM PRESET and 6. VPS. 1 FUNCTION UP/DOUN Key·····Select setting items. 2 FUNCTION -/+ · · · · · · · Set (adjust) the setting values of the setting items. (3) (When 1.CUTOFF of 2.V/C is selected, press its "-" or "+" key, and the whole will change to a faint horizontal line appearing in its center. Press the same "-" or "+" key again, and the screen will return to the original 1.CUTOFFscreen.) MENU Key····· Memorize the setting value. 4 (Before storing the setting values in memory, do not press the CH, TV / VIDEO, DISPLAY, POWER ON / OFF key - if you do, the values will not be stored in memory.) DISPLAY Key Return to the **SERVICE MENU** screen. 3) Method of setting 7.AUTO PROGRAM.

This mode initializes every existing set value collectively to the preset value at the time of shipment from the factory.

(4) Release of SERVICE MENU

1) After completing the setting, return to the SERVICE MENU, then again press the DISPLAY key.

2-17

POWER SUPPLY CHECK

ltem	Measuring instrument	Test point	Adjustment part	Description
Check of B1 voltage	Signal generator DC voltmeter	TP-91(B1) TP-E(計) [X connector in MAIN PWB]		1. Receive a whole black signal. 2. Connect a DC voltmeter to TP-91(B1) and TP-E (ポ). 3. Make sure that the voltage is DC142.5±2V.

FOCUS ADJUSTMENT

2-18

ltem	Measuring instrument	Test point	Adjustment part	Description
Adjustment of FOCUS	Signal generator		FOCUS VR [In HVT]	Receive a cross-hatch signal. While watching the screen, adjust the FOCUS VR to make the vertical and horizontal lines as fine and sharp as possible. Make sure that when the screen is darkened, the
				lines remain in good focus.

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IF CIRCUIT ADJUSTMENT

[For AV-29TS2EN / AV-29TS2EK]

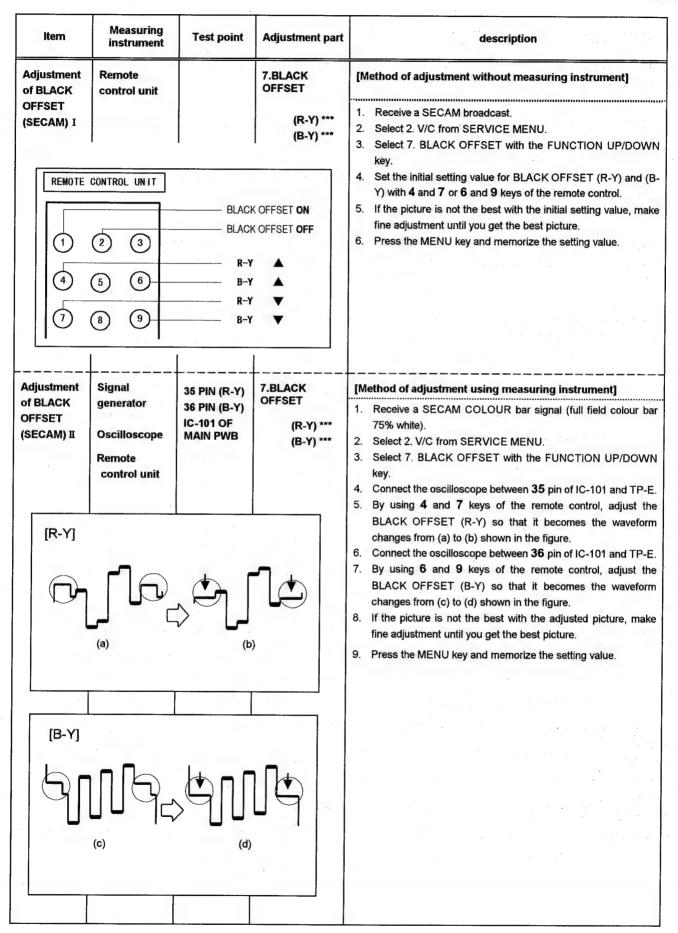
Item	Measuring instrumen		Adjustment part	Description
Adjustment of VCO	Remote control unit		P. CW TRANSF. [in IF PWB]	 Do not make any adjustment unless the adjustment is out of way and you cannot get correct PICTURE. Select 1.IF from the SERVICE MENU. Press 1 key and select 1.VCO. Select a receivable broadcast channel with the CHANNEL key. Turn the core of P. CW TRANSF, until the colour of the characters TOO HIGH displayed on the screen
	VCO(CW) TOO HIGH ABOVE REF JUST REFEF BELOW REF TOO LOW	ERENCE	- YELLOW	changes from blue to <u>Yellow</u> . (Step 1) 5. Turn the core of P. CW TRANSF, until the colour of the characters TOO LOW changes from blue to <u>Yellow</u> . (Step 2) 6. Then slowly turn back the core of P. CW TRANSF until the colour of the characters JUST REFFERE NCE changes from blue to <u>Yellow</u> . (Step 3) 7. Press the INFORMATION key three times to return to
				normal screen. 8. Perform CHANNEL PRESET again, and make sur that each broadcast is being received properly.
JUST RE	EFERENCE FERENCE REFERENCE	Yellow → Blue Blue → Blue Blue → Blue Blue → Blue Blue → Yellow		
Adjustment	Remote		DELAY POINT	Receive a black and white signal (colour off). Select 1.IF from the SERVICE MENU.
			Initial setting	 Select 1.IF from the SERVICE MENU. Select 2.DELAY POINT by pressing the 2 key on the remote control. Adjust the FUNCTION - or + key until video noise disappears.
DELAY F		0~63	30	5. Press the MENU key and memorize the set value.6. Turn to other channels and make sure that there are no irregularities.

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SUB COLOUR I	Remote control unit		5.COLOUR (PAL~NTSC)	[Method of adjustment without using measuring instrument]
OOLOOK 1				
			PAL COLOUR	(PAL COLOUR) 1. Receive any broadcast. 2. Select 2.V/C from the SERVICE MENU. 3. Select 5.COLOUR with the FUNCTION UP/DOWN key. 4. Set the initial setting value for PAL COLOUR with the
				 FUNCTION - or + key. If the contrast is not the best with the initial set value, mak fine adjustment until you get the best contrast. Press the MENU key and memorize the set value.
·				
			SECAM COLOUR (AV-29TS2EN / AV-29TS2PF)	(SECAM COLOUR) 1. Receive a SECAM broadcast. Make fine adjustment of SECAM COLOUR in the same manner as for above.
	eta eta la		NTSC COLOUR	(NTSC 3.58 COLOUR) 1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal from the EXT terminal. 2. Make similar fine adjustment of NTSC 3.58 COLOUR in the same manner as for above.
	19 1 W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
			normalista (n. 1865) 1940: Politica (n. 1865) 1950: M. Mariano, 1865	
				(NTSC 4.43 COLOUR) 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

item	Measuring instrument	Test point	Adjustment part	description			
Adjustment of SUB COLOUR	Signal generator Oscilloscope	[CRT	5.COLOUR (PAL~NTSC)	[Method of adjustment using measuring instrument]			
	Remote control unit	PWB]	PAL COLOUR	 (PAL COLOUR) Receive a PAL full field colour bar signal(75% white). Select 2.V/C from the SERVICE MENU. Select 7.COLOUR with the FUNCTION UP/DOWN key. Set the initial setting value for PAL COLOUR with the FUNCTION - or + key. Connect the oscilloscope between TP-47B and TP-E(
			SECAM COLOUR (AV-29TS2EN/AV- 29TS2PF)	 (SECAM COLOUR) Receive a SECAM full field colour bar signal(75% white). Set the initial setting value of SECAM COLOUR with the FUNCTION -/+ key. Adjust SECAM COLOUR and bring the value of (A) of the illustration to +5V (W~B). Press the MENU key and memorize the setting value. 			
w	Cy Mg B	(-) 1 0 (+)	NTSC 3.58 COLOUR	 (NTSC 3.58 COLOUR) Input a NTSC 3.58MHz COMPOSITE VIDEO signal (full field colour bar with 75% white) from the EXT terminal. Set the initial setting value of NTSC 3.58 COLOUR with the FUNCTION -/+ key. Adjust NTSC 3.58 COLOUR and bring the value of (A) of the illustration to 0V(W~B). Press the MENU key and memorize the setting value. 			
2.4 (4.5)				(NTSC 4.43 COLOUR) 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.			

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ltern	Measuring Instrument	Test point	Adjustment part	Description
Adjustment of	Remote control unit		6.TINT	[Method of adjustment without using measuring instrument]
SUB TINT I			NTSC 3.58 TINT	 Input a NTSC 3.58MHz composite video signal (full field colour bar with 75% white) from the EXT terminal. Select 2.V/C from the SERVICE MENU. Select 6. TINT with the FUNCTION UP/DOWN key. Set the initial setting value of NTSC 3.85 TINT with the FUNCTION -/+ key. If you cannot get the best tint with the initial setting value make fine adjustment until you get the best tint. Press the MENU key and memorize the set value.
				[NTSC 4.43 TINT] 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.
·				
Adjustment of	Signal generator	TP-47B TP-E(赤)	6.TINT	[Method of adjustment using measuring instrument]
SUB TINT II	Oscilloscope Remote control unit	CRT SOCKET PWBJ	NTSC 3.58 TINT	 [NTSC 3.58 TINT] Input a NTSC 3.58MHz composite video signal (full field colour bar with 75% white) from the EXT terminal. Select 2.V/C from the SERVICE MENU. Select 6.TINT with the FUNCTION UP/DOWN key. Set the initial setting value of NTSC 3.85 TINT with the
	W Cy Mg	(-) • • •		 Set the initial setting value of NTSC 3.85 TINT with the FUNCTION - or + key. Connect the oscilloscope between TP-47B and TP-E(mr) Adjust NTSC 3.58 TINT to bring the value of (A) in the illustration to +5V (voltage difference between white and magenta). Press the MENU key and memorize the setting value
			The State of the S	
				[NTSC 4.43 TINT] 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically se at the respective values.



Item	Measuring instrument	Test point	Adjustmen	t part			Description		
4. Adjustment of H.CENTER	c		4.H-CENT.		15. Sele 16. Adju	eive a circle patte ect 4.H-CENT and ust H-CENT to make ss the MENU key	d set the initial set ake C=D.		
:	C								
5. Adjustment of H.SIZE			5.H-SIZE		19. Sele 20. Adju of th	ceive a cross-hato ect 5.H-SIZE and ust H-SIZE and r ne picture size is i ss the MENU key	set the initial setti make sure that the n the bellow table	ne horizontal sc	reen siz
					MODE	REGULER 92%	ZOOM1 85%	ZOOM2	
				AV-29	TS2PF	91%	85%	85%	
6. Adjustment of EW-PIN	Straig	int I	6.EW-PIN		23. Adju righ vert	ect 6.EW-PIN and ust EW-PIN and t edges of the sci ical lines are also ss the MENU key	make the 1st.ver reen straight. Also straight.	tical lines at the make sure tha	

Item	Measuring instrument	Test point	Adjustment part	Description
7. Adjustment of V-S.CR			7.V-S.CR	 25. Select 7.V-S.CR and set the initial setting value. 26. Adjust V-S.CR and make the gaps between the horizontal lines uniform. 27. Press the MENU key and memorize the set value. ★ No alignment, but adjust this mode if result of no alignment is too bad.
8. Adjustment of V-EDGE			8.V-EDGE	 28. Select 8.V-EDGE and set the initial setting value. 29. Adjust V-EDGE and make the gaps between the horizontal lines uniform. 30. Press the MENU key and memorize the set value. ★ No alignment, but adjust this mode if result of no alignment is too bad.
9. Adjustment of EW-COR			9.EW-COR	 31. Select 9.EW-COR and set the initial setting value. 32. Adjust EW-COR and make the vertical lines at the four corners of the screen straight. 33. Press the MENU key and memorize the set value. ★ No alignment, but adjust this mode if result of no alignment is too bad.
				34. Make sure that the adjustment is properly done on the screen of other mode.

AUDIO CIRCUIT

● Do not touch 3.AUDIO(1. CONC LIMIT, 2. A2 ID THR) of the SERVICE MENU as it requires no adjustment.

3. AUDIO

Setting item	Variable range	fixed value	
1. CONC LIMIT <i>(Do not adjust)</i>	00H∼FFH	OAH	
2. A2 ID THR (Do not adjust)	00H∼FFH	19H	

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AV-29TS2EN AV-29TS2EK AV-29TS2PF

AV-29TS2EN AV-29TS2EK AV-29TS2PF STANDARD CIRCUIT DIAGRAM

■NOTE ON USING CIRCUIT DIAGRAMS 1.SAFETY

The components identified by the Asymbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM **VALUES**

The voltage and waveform values have been measured under the following conditions.

(1)Input signal

:PAL Colour bar signal

(2)Setting positions

of each knob/button

and variable resistor

:Original setting position

when shipped

(3)Internal resistance of tester

:DC 20kΩ/V

(4)Oscilloscope sweeping time

⇒20µS/div

:V ⇒5mS/div

:Others >> Sweeping time is

specified

(5)Voltage values

:All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOLIEXAMPLE

In the PW board

:R1209-R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

Resistance value

No unit

 $:[\Omega]$

K М :[KΩ] $[\Omega M]$:

Rated allowable power

No indication :1/6[W]

Others

:As specified

Type

No indication : Carbon resistor

OMR

:Oxide metal film resistor

MFR

:Metal film resistor

MPR

:Metal plate resistor

UNFR

:Uninflammable resistor

FR

:Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

Capacitance value

1or higher less than 1

:[pF]

Withstand voltage

No indication

:DC withstand voltage[V]

Others AC indicated :AC withstand voltage[V]

:[µF]

* Electrolytic Capacitors

47/50[Example]:Capacitance value[μ F]/withstand voltage[V]

Type

No indication: Ceramic capacitor

MY

:Mylar capacitor

MM PP

:Metalized mylar capacitor

:Polypropylene capacitor

MPP

:Metalized polypropylene capacitor

MF

:Metalized film capacitor :Thin film capacitor

TF

RP :Bipolar electrolytic capacitor

TAN

:Tantalum capacitor

(3)Coils

No unit :[µH]

Others

:As specified

(4)Power Supply

:B2(12V)

<u>пппп</u>:5V

* Respective voltage values are indicated.

(5)Test Point



: Test point

: Only test point display

(6)Connecting method



: Connector : Wrapping or soldering

: Receptacle

(7)Ground symbol

: LIVE side ground

: ISOLATED(NEUTRAL) side ground

: EARTH ground : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

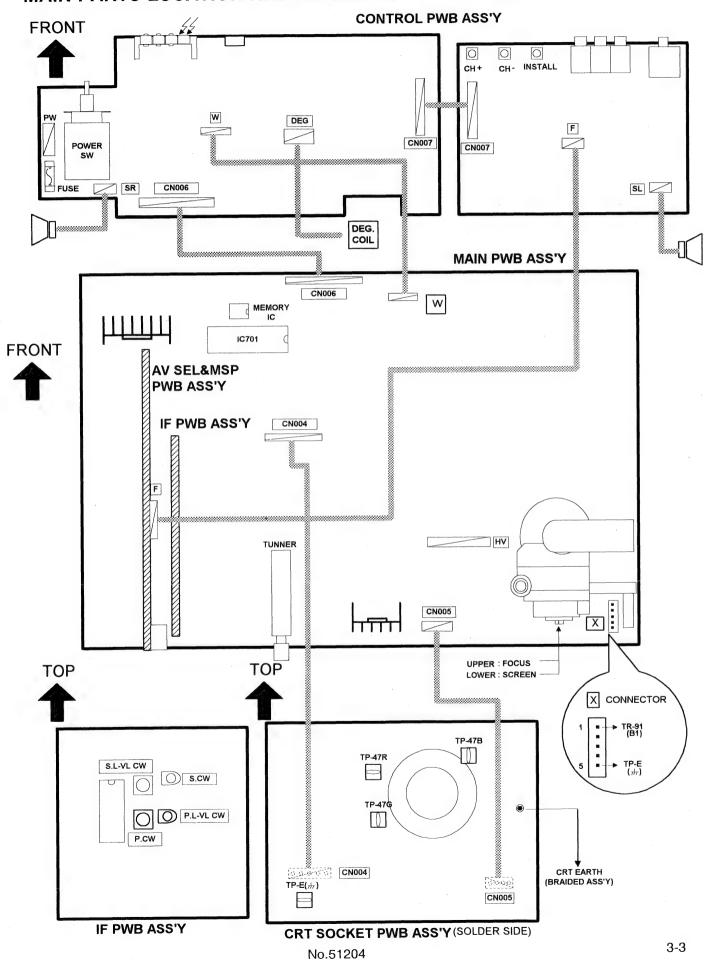
This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE: () side GND and the ISOLATED(NEUTRAL): (//) side GND. Therefore, care must be taken for the following points.

- (1) Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2) Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.
- ♦ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

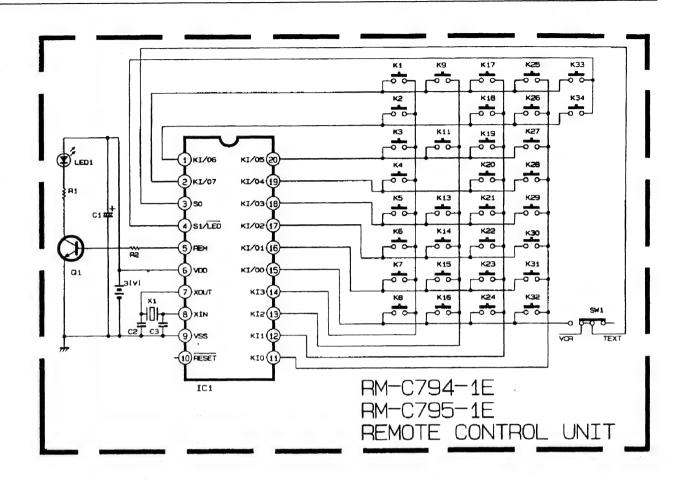
SEMICONDUCTOR SHAPES (* = Bottom view)

TRANSISTORS 2SA1013(0) 2SA673(C) 2SA933AS(QR) 2SD1554-C1 0 2SC2240(GB) 2SA933S(QR) 2SD1878-YD 2SC1906 2SA966(0Y)-T 2SC1740S(QR) 2SD1876-YD 2SC1815(YG) 2SC2785(JH) BU250BAX 2SC2482(C1) DTC124ESA-T MTA4N60E 2SC4722(NP) DTC323TS 2SC4544-C1 2PA1015(YG) 2PC1815(YG) G DTC144ESA 2SC2371(MLK) DTA144GS 2SC3271(NP) DTC144ES 2SK301(Q) C DTA144ES **BSN274** 2SC4502 2SC5082(L-P) OUT 2SC5083(L-P) **ICs** M37204ECSP 0 CF70200NW CF72306 TC4053BP TB1227N **TA8859CP** MC44604P TA8865BN MSP3410B-PP-F7 TDA7263M LA7841 BA4558F-W 0 AN7805PI AN7812F L78LR05E-MA AN7809F IN E OUT IN C OUT SE135N TLP721F TLP621B AT24C1625TS2EN AT24C1625TS2EK E C IN AT24C1625TS2PF

MAIN PARTS LOCATION AND ALIGNMENTS LOCATION



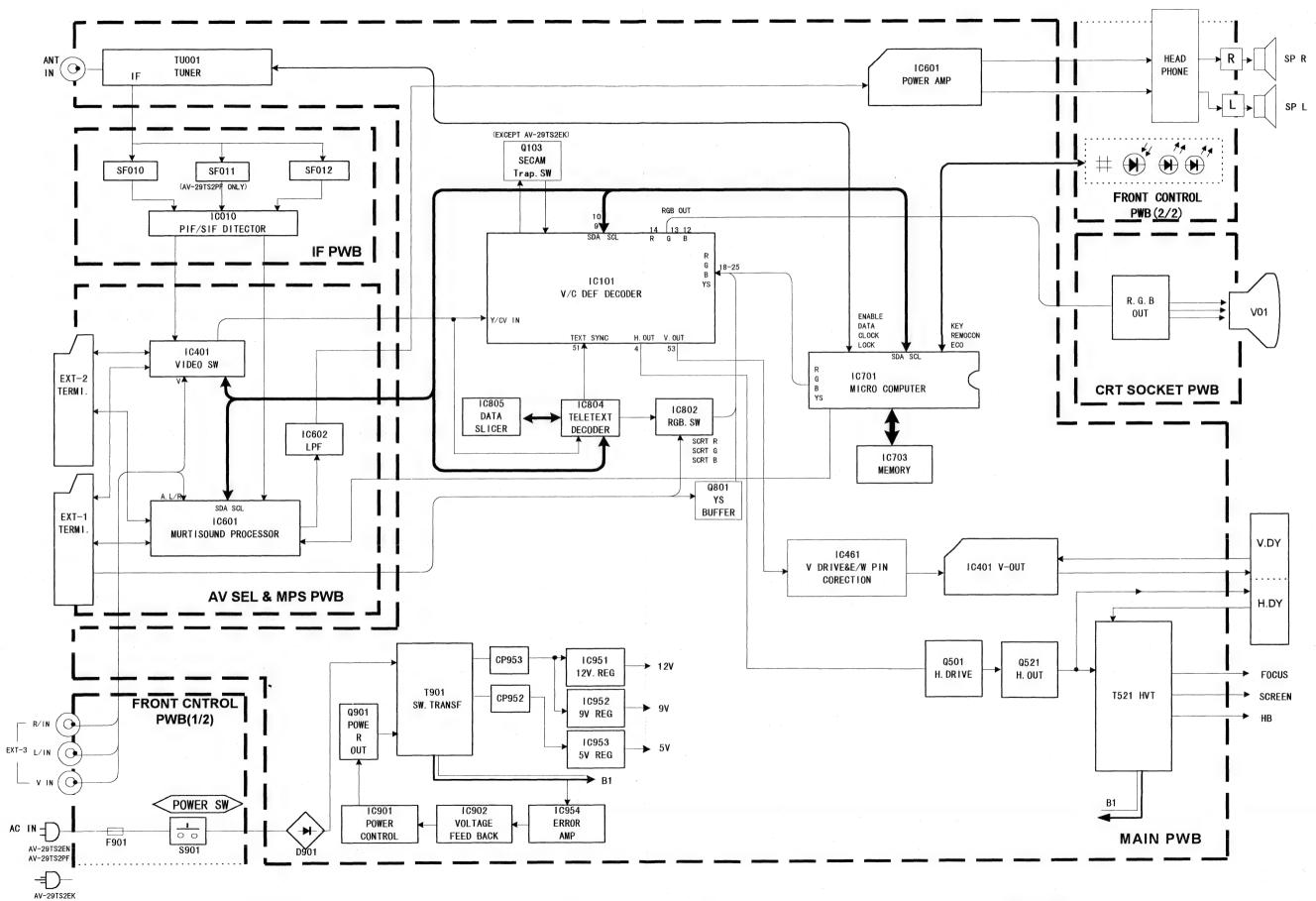
REMOTE CONTROL TRANSMITTER CIRCUIT DIAGRAM (AV-29TS2EN,AV-29TS2PF:RM-C795-1E) (AV-29TS2EK:RM-C794-1E)

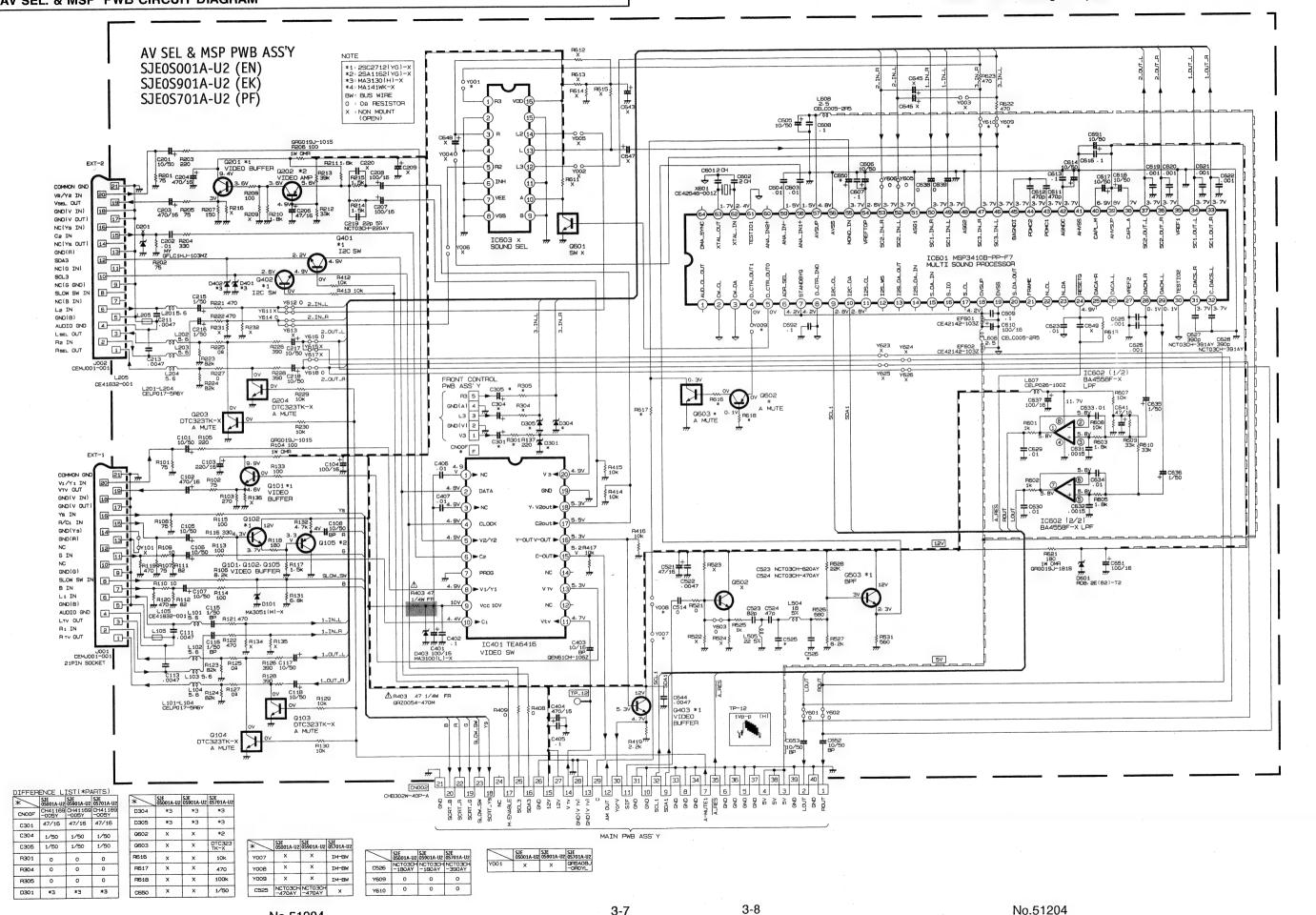


EKEY FUNCTION

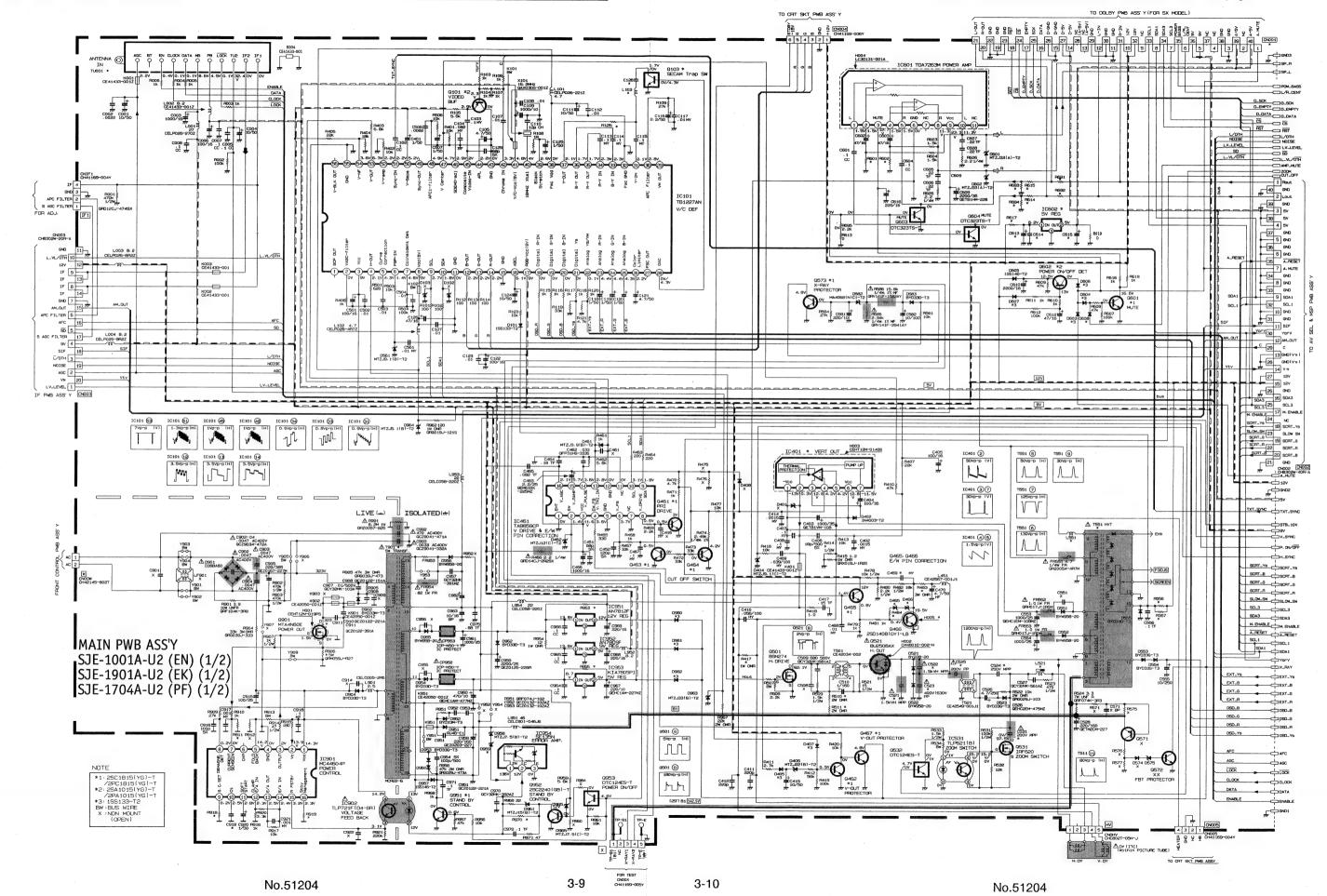
No.	Key Name	No.	Key Name	No.	Key Name	No.	Key Name
1	1	14	3D →	22	MODE (TEXT)	29	CANCEL (TEXT)
2	2	15	P.BASS	22	REW ◀◀ (VCR)	29	STOP (VCR)
3	3	16	PIP	23	SIZE (TEXT)	30	INDEX (TEXT)
4	4	17	1	23	FF (VCR)		Ů/ (VCR)
5	5	18	REVEAL (TEXT)	24	SUB PAGE(TEXT)	31	A
6	6	10	PLAY (VCR)	24	P V (VCR)	32	◀
7	7	19	TV	25	R	33	•
8.	8	20	MENU/OK	26	STORE (TEXT)	34	>
9	9	21	HOLD (TEXT)	20	(VCR)		
11	0	21	P ∧ (VCR)	27	0/1		
13	ZOOM			28			

BLOCK DIAGRAM





3-7



IC804 CF70206 TELETEXT DECODERS

FIB25

R826 270 777 R827 1.6k

PREGOS 1k OV

CB17 -

CELP026-4972 CB27 77 CB27 77 CB27 1:1 CB26 SUFFER 2:37 2:97

R738 D711 270k 1SS139-Ta

R717 ₹ R716





-11~	Z-1Z AV-29TS2EK	AV-29TS2EN	AV-29TS2PF
	SJE- 1901A-U2	SJE- 1001A-U2	SJE- 1704A-U2
701	M37204M C-C40SP	M37204M C-C40SP	M37204M C-C40SP
706	×	×	×
703	AT24C16 25TS2EK	AT24C16 25TS2EN	AT24C16 25TS2PF
703	MTZJ3.6 (A)-T2	×	×

P2-9~2-10 R125 BW 470 470 × CELP026 CELP026 -330Z -330Z × DTC124 DTC124 ESA-T ESA-T L103 Q103 × QCT25CH QCT25CH -390Z -390Z C128 R955 QRG029J QRG029J QRG029J -180 -180 D608 \times \times CM42862 CM42862 CM42862 H005 L551 R970 12K 12K D465 D466 R484 1K 1K 1K R601 47 47 47 R602 47 47 47 R614 0 0 -0 C469 .01 .01 .01 R414 2.7 2.7 2.7 IC602 × × × R617 × × × C613 × × × C614 × × × C615 × × × R691 100 100 100 R692 100 100 100 R615 0 0 0 CN001 × | · × | | X | X | X | QEHB1VM | QEHB1VM | QEHB1VM | QEHB1VM | QEHB1VM | QEHB1VM | 108M | 108M | 108M | 101S C962 R483 T551 L521 QRG029J QRG029J QRG029J -182 -182 -182 R510 R693 100K 100K 100K QRG029J QRG029J QRG029J -222 -222 R511 C521 QFZ0117 QFZ0117 QFZ0117 -4001L C522 QFZ0117 QFZ0117 QFZ0117 -501L -9501L C523 QFP32GJ QFP32GJ QFP32GJ -223M -223M -223M
 C523
 -223M
 -223M
 -223M

 C524
 0F70194
 0F70194
 0F70194

 -364
 -364
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 -364

 -525
 0F70119
 0F70119
 0F70119

 -6845
 -6845
 -6845
 -6845

 -531
 0F70119
 0F70119
 0F70119

 -154S
 -154S
 -154S
 -154S
 ∆FR953 × × ⚠ FR954 QRH017K QRH017K QRH017K -R82M -R82M R911 6.8K 6.8K 6.8K R918 5.6K 5.6K 5.6K D959 BW BW BW T901 CETS083 CETS083 CETS083 R906 QRM059J QRM059J QRM059J -R27 -R27 .001 .001 .001 × × R919 12K 12K 12K × × Y953 R556 6.8K 6.8K 6.8K R557 8.2K 8.2K 8.2K IC401 LA7845N LA7845N LA7845N R694 100K 100K 100K

MAIN PWB ASS'Y SJE-1001A-U2 (EN) (2/2) SJE-1901A-U2 (EK) (2/2) SJE-1704A-U2 (PF) (2/2)

*1: 2SC1815[YG]-T /2PC1815[YG]-T *2: 2SA1015[YG]-T /2PA1015[YG]-T *3: 1SS133-T2 X: OPEN (NON MOUNT) BW: BUS WIRE

CN006

No.51204

Q807 *1 VIDEO BUFFER

5V 2,4V 8813 330

MAIN PWB CIRCUIT DIAGRAM

SCRT_B SCRT_B

SCRT_G SCRT_G

SCRT_R_SCRT_R

A.PESET

TXT_SYNC 📥

EXT_BC EXT_E

LV_LEVEL LV_LEVEL D_DATA D_DATA

CUT_OFF CUT_OFF

□/OTH □/OTH

_vL/OTH____L_VL/OTH

LOCK C LOCK CLOCK CLOCK

DATA DATA

ENABLE ENABLE

050_8 -050_8

A_MUTE _____ A_MUTE

AMP_MUTE AMP_MUTE

cs + cs

RST - RST

/R CENT

D_EMPTY

SOL1 📥

3-11

T000p

3-12

F1731 56k

R735 22k

C714 R736 15k

C709 D701 68p m700-12 D702 MA700-12

1C701 (V)

10701 (G) 5Vp-p (H)

M

WO (16) 3. 9V R809 33K 8 (14) 3. 9V R810 33K

No.51204

AV-29TS2EK IF PWB CIRCUIT DIAGRAM Refer to the following PWB pattern.: IF PWB PATTERN page 3-27. For AV-29TS2EN IF PWB ASS'Y SJE0F001A-U2 (EN) SJE0F901A-U2 (EK) AV-29TS2EK CN003 *1: 2SC2712(YG)-X *2: 2SA1162(YG)-X X: OPEN(NON MOUNT) CHB302W-20P-A GND L_VL/OTH 120 IF IF GND SF012 * L AUDIO C047 220/16 APC FILTER AFC SO MAIN L030 CE41131-2R2Y SIF С∕отн NOISE V TV LV_LEVEL IC010 TA8865BN IC010 @ L-VL/OTHERS Q120 Q121 SYSTEM SW FOB1 FOB2 47k 2. 7k R146 \$ C065 Q101 *1 *5 BUFFER T050 CELT001-303 & L050 H056 R053 F062 -VL/OTHERS Q122 X SYSTEM SW Q104 PHASE COMPENSATOR Q123 X SYSTEM SW 0602 BUFFER 9064 3.3k Q106 X L/OTHERS C604 Q107 *2 BUFFER Q103 X Q102 X BUFFER H114 } \$ H115 P112 Q105 SYSTEM SW R116 Q124 X SYSTEM SW DIFFERENCE LIST (*PARTS | No. R112 100 150

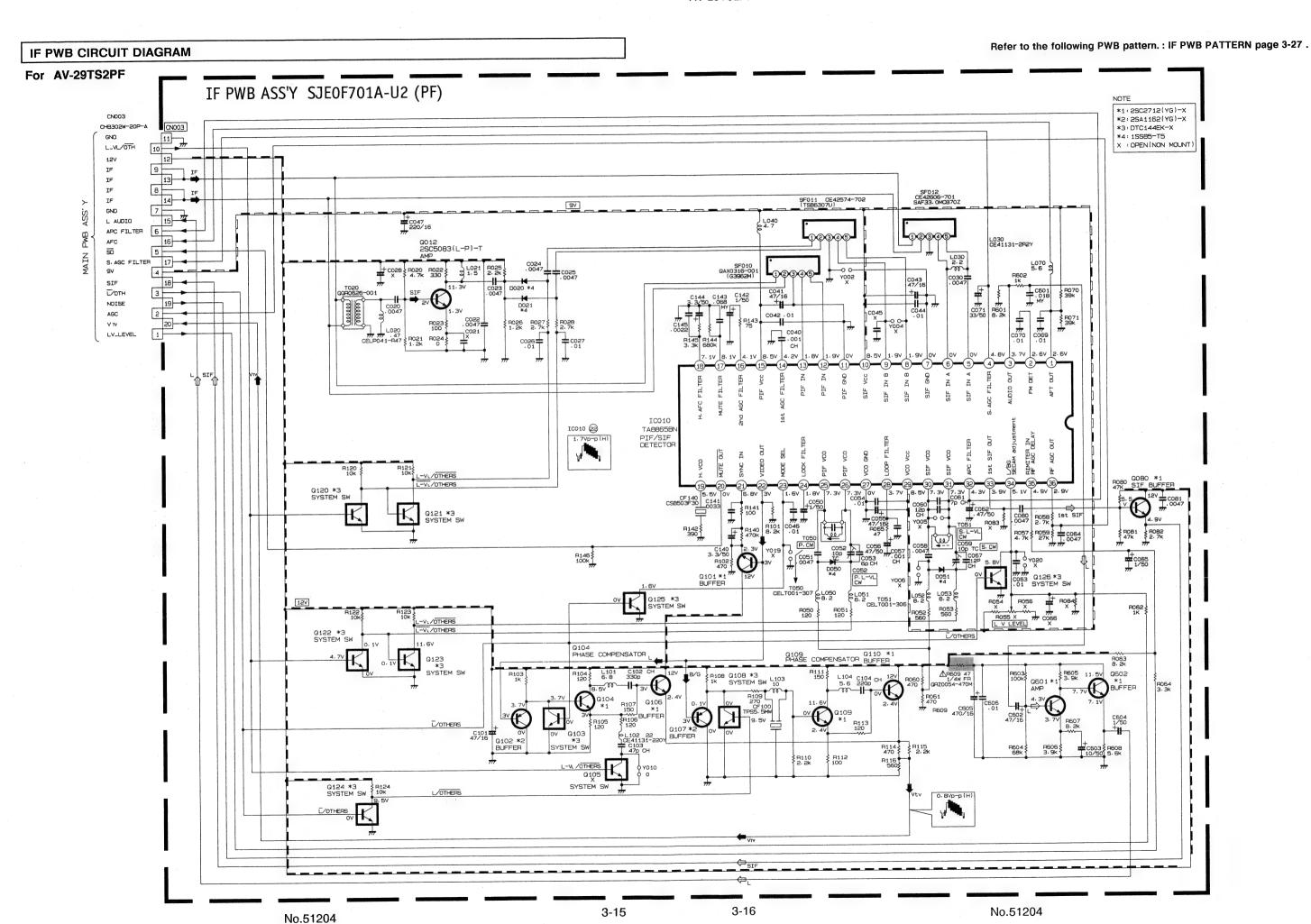
3-14

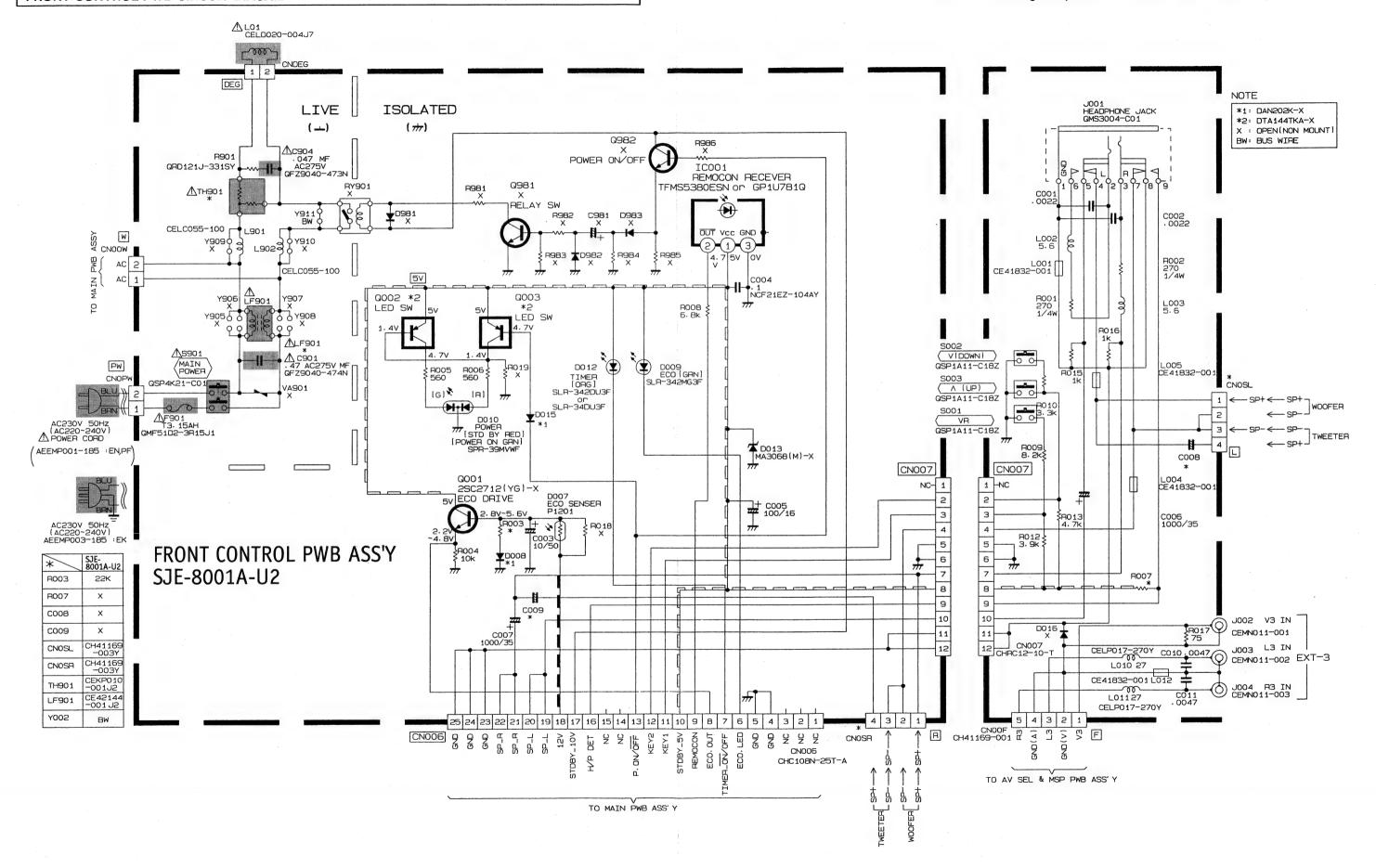
3-13

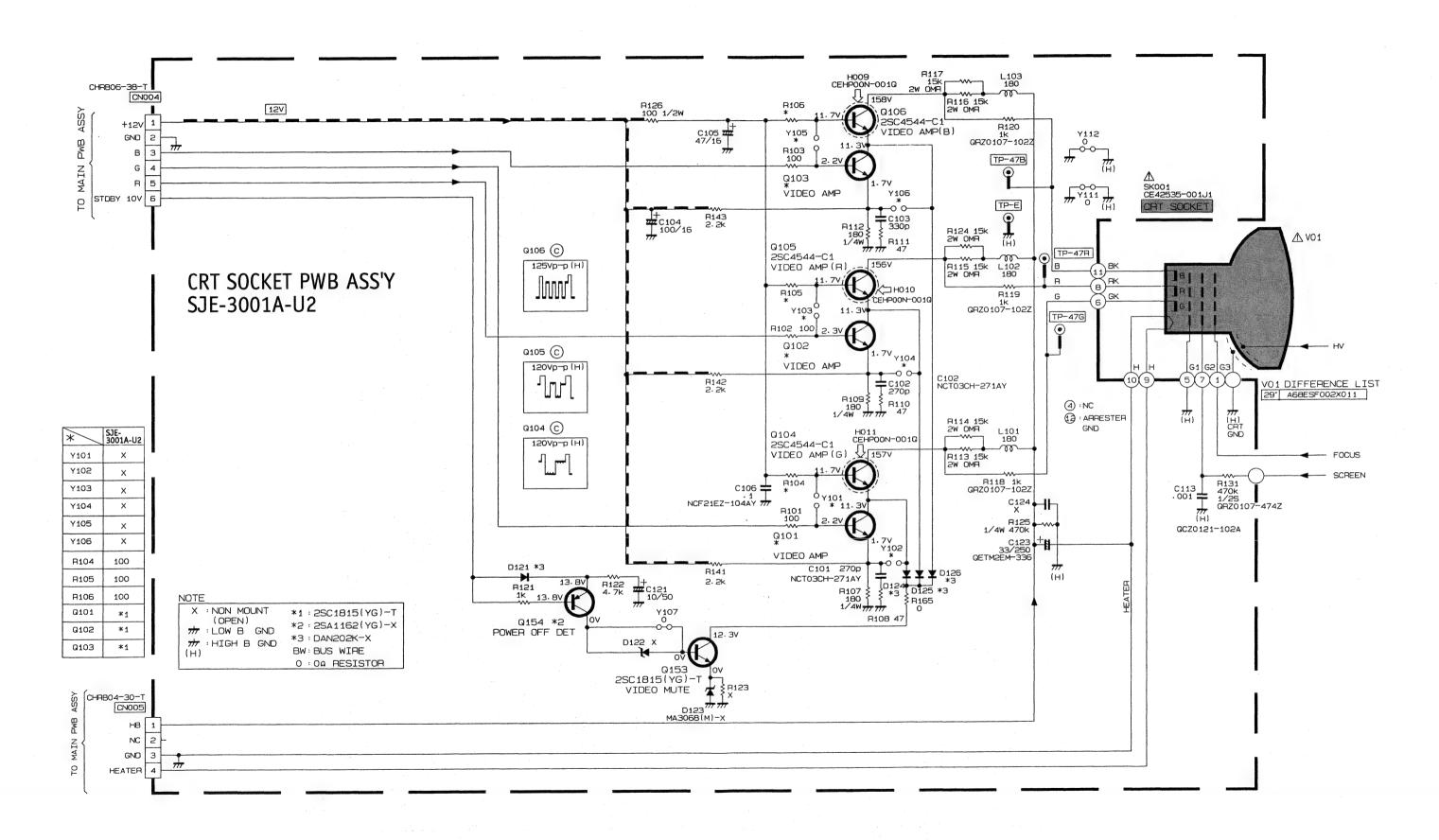
R113 120 270 R114 470 330

R115 2.2k X

No.51204





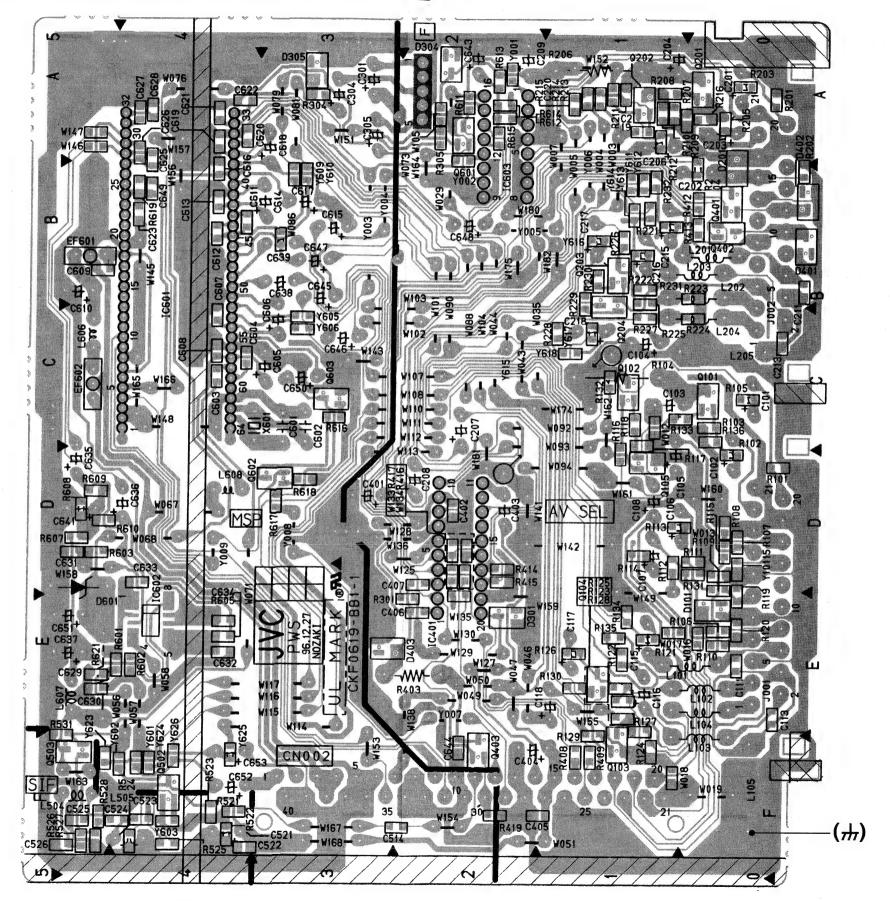


3-19

AV SEL & MSP PWB PATTERN

[AV-29TS2EN: SJE0S001A-U2] [AV-29TS2EK: SJE0S901A-U2] [AV-29TS2PF: SJE0S701A-U2]





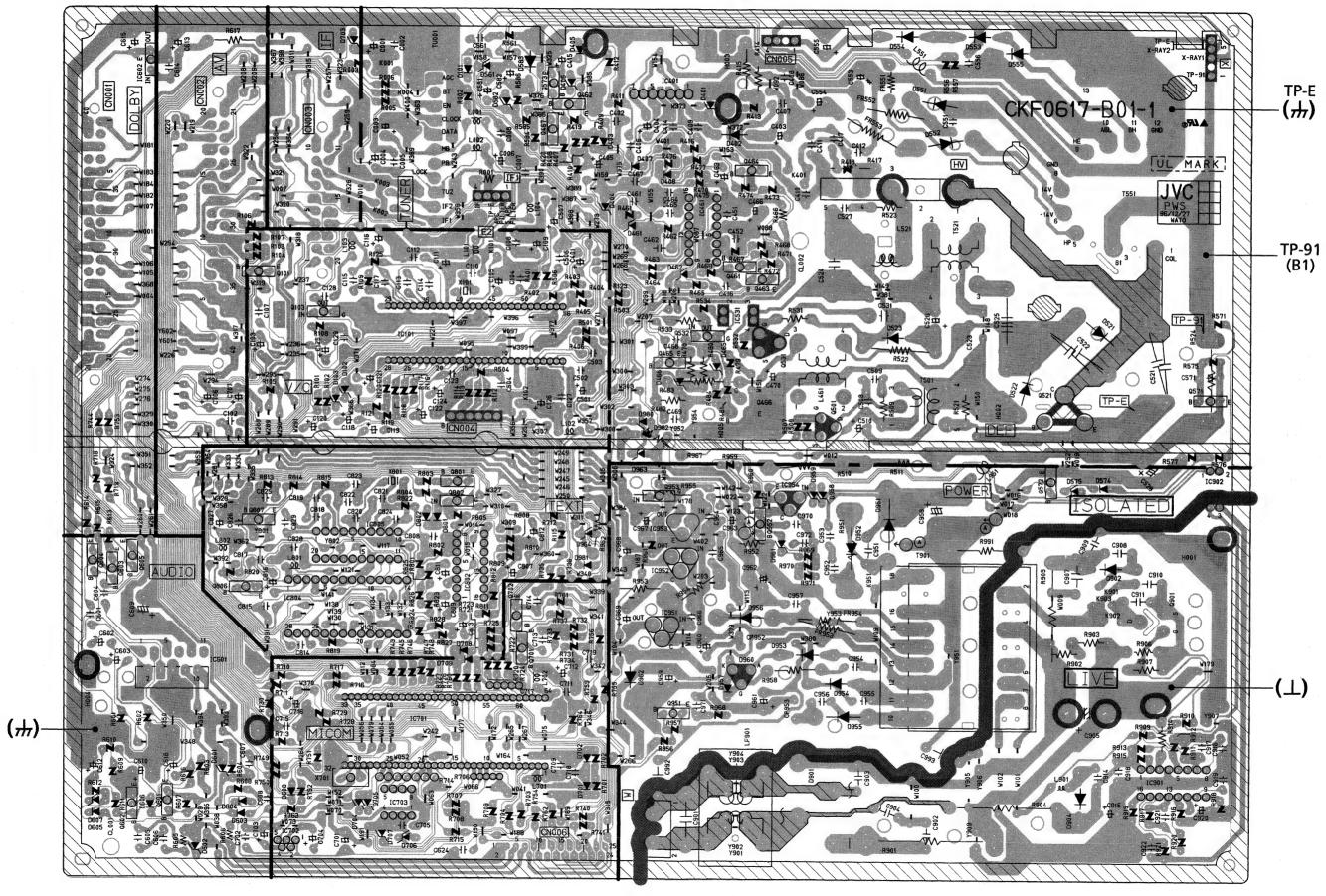
(Magnification Rate 150%)

MAIN PWB PATTERN

[AV-29TS2EN: SJE-1001A-U2] [AV-29TS2EK: SJE-1901A-U2] [AV-29TS2PF: SJE-1704A-U2]



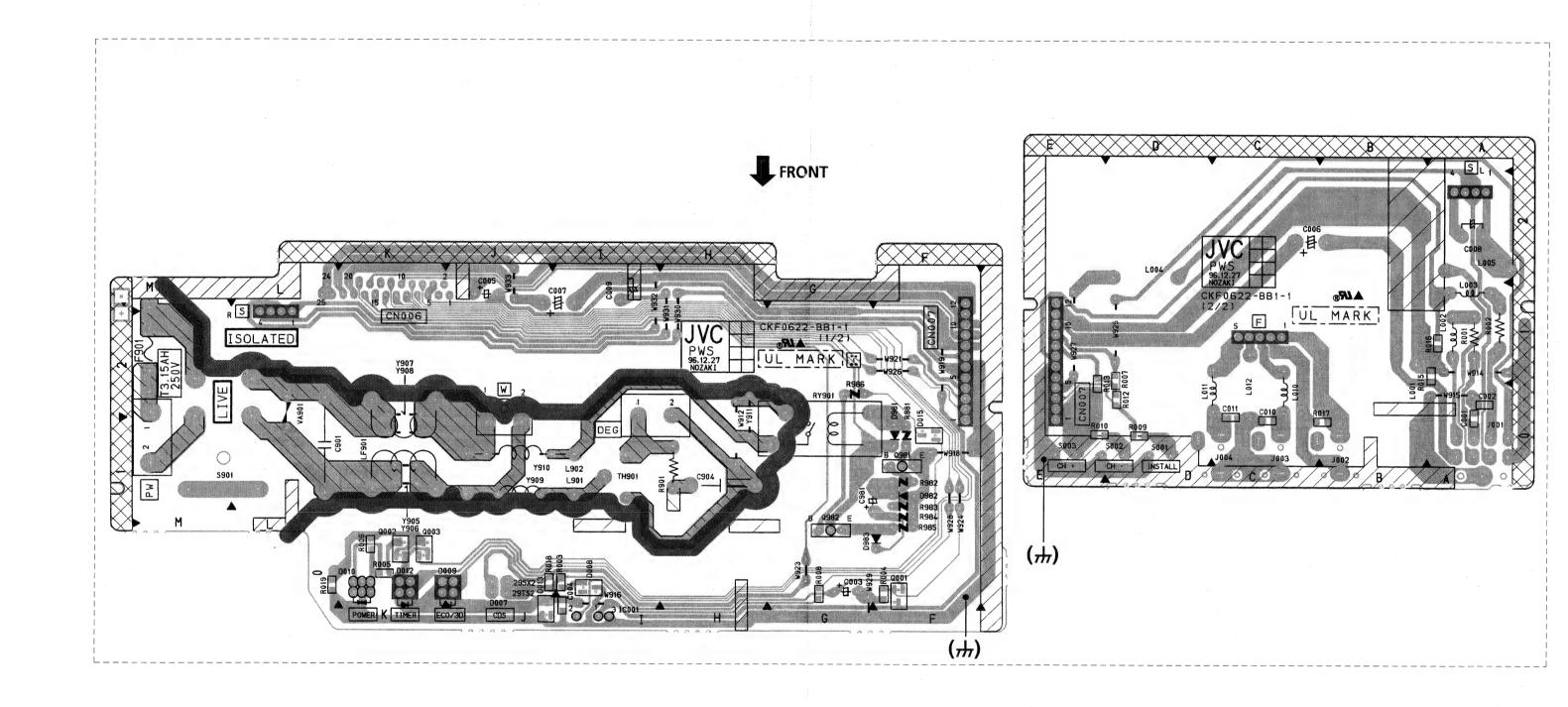
(Magnification Rate 95%)



FRONT CONTROL PWB PATTERN

(SJE-8001A-U2)

(Magnification Rate 113%)

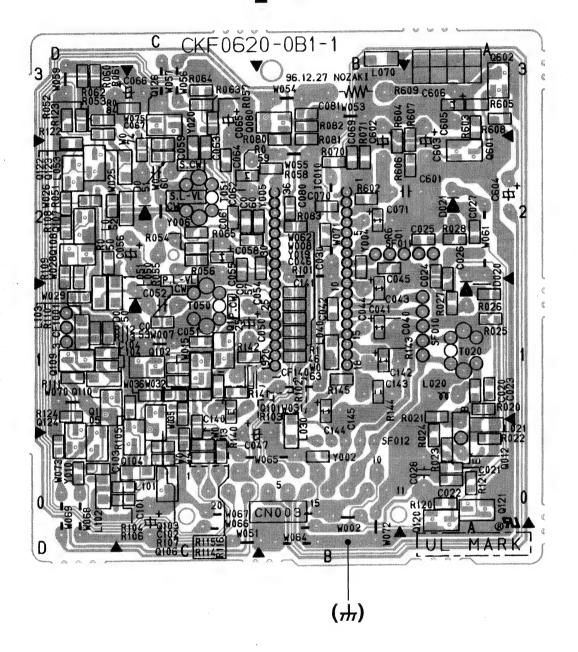


IF PWB PATTERN

[AV-29TS2EN: SJE0F001A-U2] [AV-29TS2EK: SJE0F901A-U2] [AV-29TS2PF: SJE0F701A-U2]

(Magnification Rate 150%)

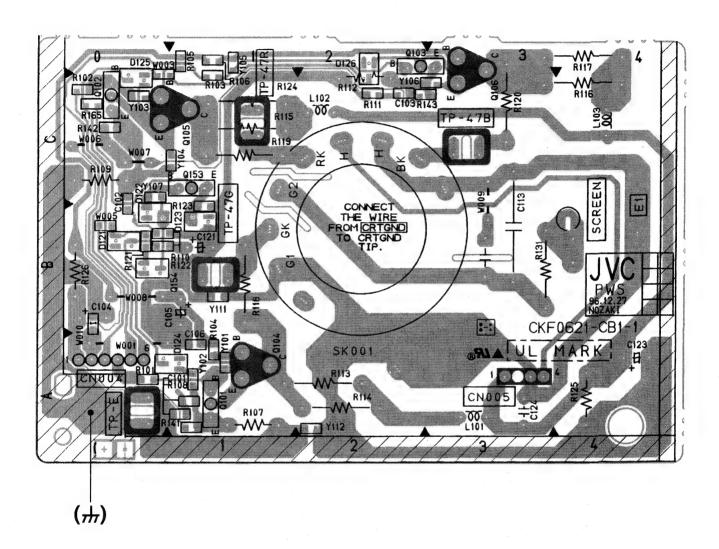
TOP



(SJE-3001A-U2)

(Magnification Rate 136%)





PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines in the Parts No. columns will not be supplied .
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.
- As a rule, the resistors and capacitors which are indicated as shown in "HOW TO EXPRESS PARTS NUMBERS OF STANDARD PARTS" are not shown in the list of the parts on the board.

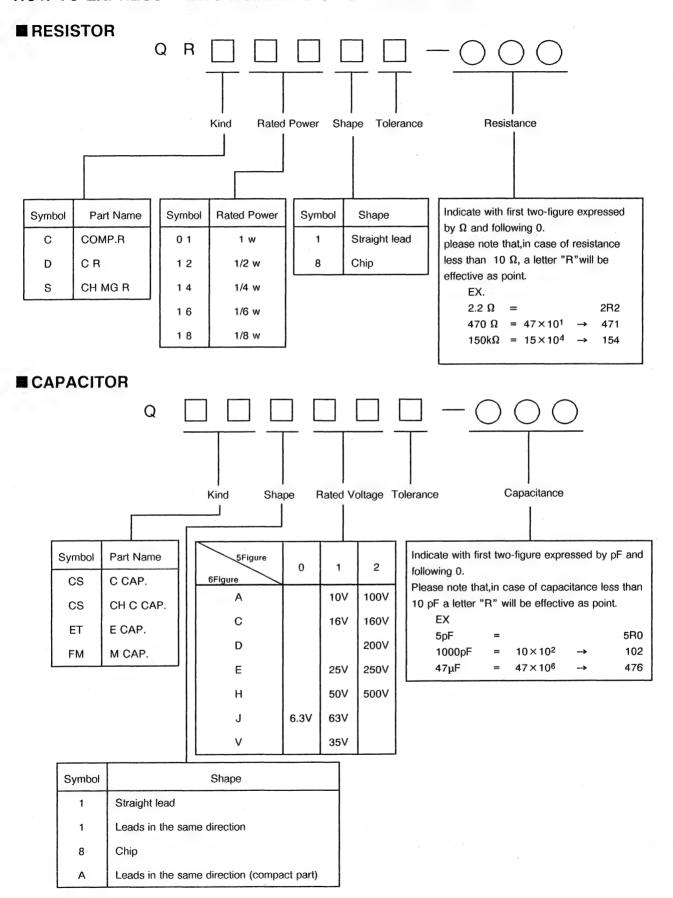
When ordering the service parts, confirm the resistance/rated power, capacitance/rated voltage, and type of the parts, then order by the part No. indicated according to "HOW TO EXPRESS PARTS NUMBERS OF STANDARD PARTS".

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

	RESISTORS		CAPACITORS
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	HV CAP.	High Voltage Capacitor
HV R	High Voltage Resistor	MF CAP.	Metalized Film Capacitor
MFR	Metal Film Resistor	MM CAP.	Metalized Mylar Capacitor
MG R	Metal Glazed Resistor	MP CAP.	Metalized Polystyrol Capacitor
MP R	Metal Plate Resistor	PP CAP.	Polypropylene Capacitor
OM R	Metal Oxide Film Resistor	PS CAP.	Polystyrol Capacitor
CMF R	Coating Metal Film Resistor	TF CAP.	Thin Film Capacitor
UNF R	Non-Flammable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH V R	Chip Variable Resistor	TAN. CAP.	Tantalum Capacitor
CH MG R	Chip Metal Glazed Resistor	CH C CAP.	Chip Ceramic Capacitor
COMP. R	Composition Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

	TOLERANCES								
F	G	J	К	М	N	R	Н	Z	Р
±1%	± 2%	± 5%	± 10%	± 20%	±30%	+30%	+50%	+80%	+ 100%

HOW TO EXPRESS PARTS NUMBERS OF STANDARD PARTS



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USING PRINTED WIRING BOARD ASS'Y No.

PRINTED WIRING BOARD ASS'Y No.	AV-29TS2EN	AV-29TS2EK	AV-29TS2PF
MAIN PWB ASS'Y	SJE-1001A-U2	SJE-1901A-U2	SJE-1704A-U2
AV SEL & MSP PWB ASS'Y	SJE0S001A-U2	SJE0S901A-U2	SJE0S701A-U2
FRONT CONTROL PWB ASS'Y	SJE-8001A-U2	-	
IF PWB ASS'Y	SJE0F001A-U2	SJE0F901A-U2	SJE0F701A-U2
CRT SOKET PWB ASS'Y	SJE-3001A-U2		

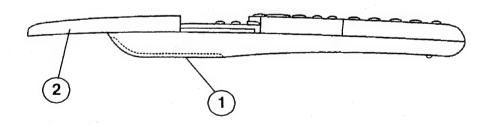
No.51204 4-3

EXPLODED VIEW PARTS LIST

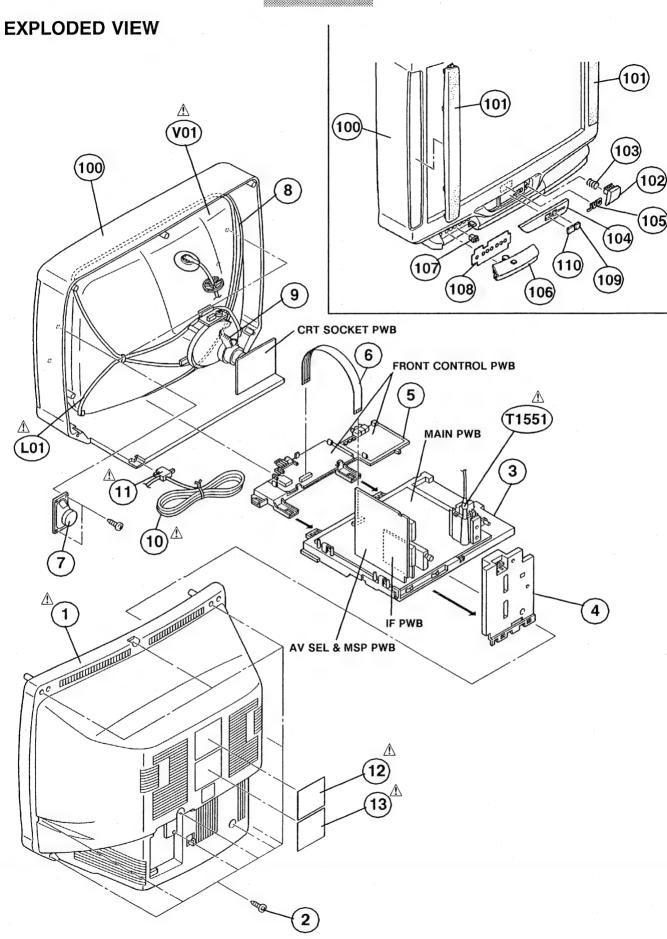
⚠ Ref.No.	Part No.	Part Name	Description	Local
	A68ESF002X011 CELD020-004J7	PICTURE TUBE(ITC) DEGAUSSING COIL		*
↑ T1551 ↑ 1	CETH019-00AJ1 CM12798-002-E	H.V.TRANSF. REAR COVER	(SERVICE)	*
2	GBSA4016N	TAPPING SCREW	(×10)	*
3	CM12933-A01-E	CHASSIS BASE		*
4 5	CM12784-003-E CM12912-A01-E	AV TERMINAL BASE CONTROL BASE		*
5	CM12912-AU1-E	CONTROL BASE		
6	CHFB125-12BD	FFC WIRE		*
7	CEBSS12D-04KJ2	SPEAKER	SP01,SP02	*
8	CHGB0010-BF	BRAIDED WIRE		*
9	CHGB0011-0B-FE	SUB BRAIDED WIRE		*
△ 10	AEEMP001-185	POWER CORD		*
△ 11	CM47016-001-H	CORD CLAMP		*
<u> </u>	CM23156-A01-E	RATING LABEL	For GBR/GER/ITA	Ţ
△ 13	CM23157-001-E	RATING LABEL	For GBR/ESP	
100	CM12909-A0B-E	FRONT CABI ASSY	Inc.No.101~110	*
101	CM12911-B01-E	SPEAKER PANEL	(×2)	
102	CM36561-001	POWER KNOB		
103	CM35110-003	SPRING		
104	CM23120-A02-E	CONTROL WINDOW		
105	CM48006-A03-H	JVC MARK		
106	CM23119-A01-E	DOOR		
107	CM48001-00A	DOOR LATCH		
108	CM36562-002-E	CONTROL SHEET		
109	CM36246-001-H	E.E.WINDOW		
110	CM36247-A01-H	REMOCON WINDOW		

REMOTE CONTROL UNIT

⚠ Symbol No.	Part No.	Part Name	Description	Local
1 2	BGV110201A BGV110303A	BATTERY COVER SLIDE COVER		



4-4



PRINTED WIRING BOARD ASS'Y PARTS LIST

MAIN PW BOARD ASS'Y [SJE-1001A-U2]

	Part No.	Part Name	Description	Local
RESIS R1001 R1417 ↑ R1466 R1483 R1510 R1511 R1522 R1524	T O R	C R OM R C R OM R OM R OM R OM R OM R OM R	$\begin{array}{ccccc} 470 k \Omega & 1/2 W \\ 100 \Omega & 1 W \\ 2.2 \Omega & 1/4 W \\ 33 \Omega & 3 W \\ 1.8 k \Omega & 2 W \\ 2.2 k \Omega & 2 W \\ 10 k \Omega & 2 W \\ 3.3 \Omega & 7 W \end{array}$	J * J * J * J * J * J * J * K *
⚠ R1585 ⚠ R1586 R1714 R1901 R1904 R1905 R1906 R1951	QRV141F-2941AY QRV141F-1582AY QRB065J-472 QRF104K-3R9 QRG039J-333 QRG039J-473 QRM059J-R27 QRF074J-102	MF R MF R NETW.R UNF R OM R OM R MP R UNF R	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	F F J K * J * J * J *
R1954 R1955 R1958 R1962 R1967 ⚠ R1991	QRG019J-120S QRG029J-180 QRG029J-473A QRG019J-121S QRG029J-223 QRZ0057-825	OM R OM R OM R OM R OM R C R	$\begin{array}{cccc} 12 & \Omega & 1W \\ 18 & \Omega & 2W \\ 47k & \Omega & 2W \\ 120 & \Omega & 1W \\ 22k & \Omega & 2W \\ 8.2M & \Omega & 1W \\ \end{array}$	J * J * J * J * J *
C A P A C C1001 C1003 C1004 C1005 C1006 C1007-08 C1102 C1103	I T O R QETN1HM-226Z QETN1CM-108Z QETN1HM-106Z QCZ012O-104MZ QETN1CM-107Z QCZ012O-104MZ QCZ012O-104MZ QCZ012O-104MZ QETN1HM-105Z	E CAP. E CAP. C CAP. E CAP. C CAP. C CAP. C CAP. C CAP.	1000 μ F 16V 10 μ F 50V 0.1 μ F 25V 100 μ F 16V 0.1 μ F 25V 0.1 μ F 25V	M * * M * * Z * * Z * * M * *
C1104 C1105 C1109 C1110 C1111 C1113-15 C1116 C1117	QFLC1HJ-223MZ QETN1HM-475Z QETN1CM-108Z QCT25CH-120Z QETN1CM-107Z QFLC1HJ-104MZ QETN1HM-225Z QFLC1HJ-103MZ	M CAP. E CAP. C CAP. E CAP. M CAP. M CAP. M CAP.	1000 μ F 16V 12 p F 50V	J * M * M * J * M * J * M * J *
C1118-20 C1121 C1122 C1124 C1125 C1126 C1128 C1401	QETN1HM-105Z QETN1HM-475Z QETN1CM-107Z QETN1HM-106Z QETN1HM-105Z QETN1CM-107Z QCT25CH-390Z QETN1HM-105Z	E CAP. E CAP. E CAP. E CAP. C CAP. E CAP. C CAP.	100 μ F 16V	M * M * M * M * M * M * M * M * M * M *
C1402 C1403 C1404 C1405 C1407-08 C1409 C1410 C1414	QFLC1HJ-152MZ QETB1VM-108 QETN1VM-107Z QETN1CM-107Z QFLC1HJ-104MZ QFLC2AJ-393MZ QFLC2AJ-563MZ QFLC2HJ-152MZ	M CAP. E CAP. E CAP. M CAP. M CAP. M CAP. M CAP. M CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	J * M * M * J * J * J *
C1415 C1417 C1462 C1463 C1464	QETN1HM-106Z QFV71HJ-154MZ QFP31HG-333S QEM61EK-225MZ QFV71HJ-184MZ	E CAP. TF CAP. PP CAP. E CAP. TF CAP.	$\begin{array}{ccc} 10~\mu~F & 50V \\ 0.15~\mu~F & 50V \\ 0.033~\mu~F & 50V \\ 2.2~\mu~F & 25V \\ 0.18~\mu~F & 50V \\ \end{array}$	M * J * G K * J *

∆ Symbol No.	Part No.	Part Name	Description	Local
C A P A C I C1465 C1466 C1467 C1468-69 C1470 C1501 C1507 C1510	T O R QFV71HJ-823MZ QETN1CM-108Z QFLC1HJ-104MZ QFLC1HJ-103MZ QEM61HK-475MZ QETN1CM-107Z QETN1HM-105Z QEHC2CM-105MZ	TF CAP. E CAP. M CAP. M CAP. E CAP. E CAP. E CAP. E CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* * * * * * * * * * * * * * * * * * * *
⚠ C1521 ⚠ C1522 ⚠ C1523 C1524 ⚠ C1525 C1526 C1528 ⚠ C1531	QFZ0117-4001L QFZ0117-9501L QFP32GJ-223M QFZ0194-364 QFZ0119-684S QEHC2EM-475MZ QETM2CM-227 QFZ0119-154S	MPP CAP. MPP CAP. PP CAP. MPP CAP. MPP CAP. E CAP. E CAP. MPP CAP.	$\begin{array}{c} 4000 \ p \ F1.5 kVH \pm 2.5 \% \\ 9500 \ p \ F1.5 kVH \pm 2.5 \% \\ 0.022 \ \mu \ F \qquad 400V \qquad J \\ 0.36 \ \mu \ F \qquad 250V \qquad J \\ 0.68 \ \mu \ F \qquad 200V \ \pm 3 \% \\ 4.7 \ \mu \ F \qquad 250V \qquad M \\ 220 \ \mu \ F \qquad 160V \qquad M \\ 0.15 \ \mu \ F \qquad 200V \ \pm 3 \% \end{array}$	**
C1553 C1554 C1555 C1556 C1561 C1581 C1582 C1601	QEHC1EM-108MZ QETN1EM-108Z QETN2EM-106Z QFV71HJ-104MZ QFLC1HJ-103MZ QETN1AM-227Z QETN2AM-106Z QCZ0120-104MZ	E CAP. E CAP. TF CAP. M CAP. E CAP. C CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	***
C1602-03 C1604 C1605-08 C1610 C1612 C1615 C1702 C1703 C1704	QETN1CM-476Z QCZ0120-104MZ QFV71HJ-224MZ QETN1CM-228Z QETN1CM-476Z QCZ0120-104MZ QCZ0120-104MZ QETN1HM-106Z QETN1AM-227Z	E CAP. C CAP. TF CAP. E CAP. C CAP. C CAP. C CAP. E CAP. E CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	**
C1705 C1706-07 C1709 C1711 C1712 C1715 C1716 C1718 C1721 C1807 C1809 C1811 C1812 C1813 C1815 C1816 C1818	QCZ0120-104MZ QETN1HM-105Z QCT25CH-680Z QCZ0120-104MZ QETN1AM-107Z QFLC1HJ-333MZ QFLC1HJ-104MZ QCT25CH-560Z QCZ0120-104MZ QETN1CM-476Z QETN1HM-106Z QETN1HM-106Z QETN1HM-106Z QETN1HM-106Z QETN1HM-106Z QETN1HM-106Z QETN1HM-226Z QFLC1HJ-104MZ QETN1HM-226Z QFLC1HJ-223MZ	C CAP. E CAP. C CAP. C CAP. E CAP. M CAP. C CAP. C CAP. C CAP. E CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*****
C1820-21 C1822 C1824 C1826 C1827 C1828 C1829 ⚠ C1902 ⚠ C1903 ⚠ C1904 C1905 C1908 C1910 C1911	QCT25CH-150Z QFV71HJ-104MZ QFLC1HJ-102MZ QCZ012O-104MZ QETN0JM-227Z QCZ012O-104MZ QFLC1HJ-104MZ QCZ9034-472A QCZ9034-472A QCZ9034-472A QCZ9034-472A QCZ0122-151A QCZ0122-221A QCZ0122-221A QCZ0122-391A QETN1EM-107Z	C CAP. TF CAP. M CAP. C CAP. E CAP. C CAP. E CAP. C CAP.	15 p F 50V J 0.1 μ F 50V J 1000 p F 50V J 0.1 μ F 25V Z 220 μ F 6.3V M 0.1 μ F 25V Z 0.1 μ F 50V J 4700 p FAC400V P 4700 p FAC400V P 4700 p FAC400V P 220 μ F 385V M 150 p F 2000V K 220 p F 2000V K 390 p F 2000V K	* * * * * * * * * * * * * * * * * * * *

No.51204 4-7

٨	0 1 N-	Dont No.	Don't Name	Description	l aga
<u> </u>	Symbol No.	Part No.	Part Name	Description	Loca
	CAPACI				
	C1918	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	1
	C1920	QETN1HM-105Z	E CAP.	1μF 50V M	
	C1921	QFLC1HJ-102MZ	M CAP.	1000 p F 50V J	
	C1951	QCZ0122-221A	C CAP.	220 p F 2000V K	
	C1952-53	QCZ0132-102AZ QEZ0203-227	C CAP. E CAP.	1000 p F 500V K 220 μ F 160V M	
	C1958 C1959	QEZ0203-227 QEZ0125-228R	E CAP.	2200 µ F 25V M	
	C1960	QEHC1AM-477MZ	E CAP.	470 μF 10V M	
	C1900	QUITCIAM 477MZ	L CAF.	470 p 1 100 m	
	C1961	QETN1EM-108Z	E CAP.	1000 μ F 25V M	
	C1962	OEHB1VM-108M	E CAP.	1000 μ F 35V M	
	C1963	QEN61CM-106Z	BP E CAP.	10 μ F 16V M	•
	C1964-66	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	
	C1967	QEHC1AM-227MZ	E CAP.	220 μ F 10V M	
	C1968-69	QETN1CM-227Z	E CAP.	220 μ F 16V M	
	C1971-72	QFV71HJ-104MZ	TF CAP.	0.1 μ F 50V J	1
Δ	C1992	QCZ9041-471A	C CAP.	470 p FAC400V K	
Λ	C1993	QCZ9041-332A	C CAP.	3300 p FAC400V M	
_					
	TRANSF T1501	CE42034-002	H.DRIVE TRANSF.		
	T1521	CE42549-001J1	BRIGE COIL		
Δ	T1901	CETS083-001J7	SW TRANSF.		
	COIL				
	L1001	CELP026-270Z	PEAKING COIL	27 u H	
	L1001	CELP026-8R2Z	PEAKING COIL	8.2 µ H	
	L1101-02	CELP026-4R7Z	PEAKING COIL	4.7 μ H	
	L1103	CELP026-330Z	PEAKING COIL	33 μ H	
	L1461	CE42567-001J1	INJECTION COIL	F	
	L1521	CELL011-002J1	LINEARITY COIL		
	L1551	CELC901-086J6	HEATER CHOKE		
	L1701	CELP026-8R2Z	PEAKING COIL	8.2 μ Η	
	L1702	CELP026-4R7Z	PEAKING COIL	4.7 μ Η	
	L1801	CELP026-3R3Z	PEAKING COIL	3.3 µ H	
	L1802	CELP026-4R7Z	PEAKING COIL	4.7 µ H	
	L1901	CELC005-2R5J7	CHOKE COIL	, , , p	
	L1951	CELC901-046J6	HEATER CHOKE		
	DIODE				
	D1101	1SS133-T2	SI.DIODE		
	D1402	1N4003-T2	SI.DIODE		
	D1404	MTZJ9.1(C)-T2	ZENER DIODE		
	D1405	1SS133-T2	SI.DIODE		
	D1406	MTZJ22(B)-T2	ZENER DIODE		
	D1407	1SS133-T2	SI.DIODE		
	D1461	MTZJ3.9(B)-T2	ZENER DIODE		
	D1462	MTZJ12(Č)-T2	ZENER DIODE		
	D1465-66	MTZJ22(C)-T2	ZENER DIODE		
	D1521	BY228-20	SI.DIODE		
	D1522	BYW95B-20	SI.DIODE		
	D1523	BYD33G-T3	SI.DIODE		
	D1551-52	BYW95B-20	SI.DIODE		
	D1553-54	BYD33G-T3	SI.DIODE		
	D1555	BYD33D-T3	SI.DIODE		
	D1561	MTZJ9.1(B)-T2	ZENER DIODE		
	D1582	MA4068(N)C1-T2	ZENER DIODE		
	D1583	BYD33D-T3	SI.DIODE		
	D1601-02	MTZJ33(A)-T2	ZENER DIODE		
	D1603-07	1SS133-T2	SI.DIODE		
	D1701-02	MA700-T2	SI.DIODE		
	D1708-09	1SS133-T2	SI.DIODE		
	D1711	1SS133-T2	SI.DIODE		
	D1801-02	1SS133-T2	SI.DIODE		
٨	D1901	D3SBA60	DIODE BRIDGE		
٠,					
٠.	D1902	BYD33M-T3	SI.DIODE		

<u> </u>	Symbol No.	Part No.	Part Name	Description	Loca
D D D D D	DIODE 01951 01952 01953 01954 01955-56 01957 01958 01960	RU4B-C1 BYD33M-T3 BYD33G-T3 BYD33D-T3 BYW95B-20 1SS146-T2 MTZJ7.5(B)-T2 MCR22-6	SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE ZENER DIODE S C R		
D D D	01961 01962 01963 01964 01980-82	MTZJ15(B)-T2 BYD33D-T3 MTZJ33(B)-T2 MTZJ5.1(B)-T2 1SS133-T2	ZENER DIODE SI.DIODE ZENER DIODE ZENER DIODE SI.DIODE		
Q Q Q Q Q A	T R A N S I 01101 01103 01461-65 01466 01467 01501 01521	S T O R 2PA1015(YG)-T DTC124ESA-T 2PC1815(YG)-T 2SD1408(OY)-LB 2PC1815(YG)-T BSN274 BU2508AX IRF620	SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR F.E.T. POWER TRANSISTOR F.E.T.	H.OUT	
Q Q Q Q Q	01532 01573 01601 01602 01701-02 01801 01802 01806-07	DTC124ES-T 2PC1815(YG)-T 2PC1815(YG)-T 2PA1015(YG)-T 2PC1815(YG)-T 2PA1015(YG)-T DTC124ES-T 2PC1815(YG)-T	DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR		
Q	01901 01951 01952 01953	MTA4N60E 2PC1815(YG)-T 2SC2240(GB)-T DTC124ES-T	F.E.T. SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR		
I I I I I I	I C C1101 C1401 C1461 C1531 C1601 C1701 C1702 C1703	TB1227AN LA7845N TA8859CP TLP621(B) TDA7263M M37204MC-C40SP L78LR05E-MA AT24C1625TS2EN	I C I C I C I.C.(PH.COUPLER) I C I C I.C.(MONO-ANA) I.C.	(SERVICE)	
I I I I	C1802 C1804 C1805 C1901 C1902 C1951 C1952 C1953	TC4053BP CF70206 CF72417 MC44604P TLP721F(D4-GR) AN7812F AN7809F KIA7805PI	I.C.(DIGI-MOS) I.C.(DIGI-MOS) I.C.(DIGI-MOS) I.C I.C.(PH.COUPLER) I.C.(MONO-ANA) I.C.(MONO-ANA) I.C.(MONO-ANA)		
I	C1954	SE135N	I.C.(HYBRID)		
C C C A C C A F A F A F	OTHERS N1006 P1952 P1953 R1551 R1552 R1553 R1954	CM48279-001-E CHC108N-25T-AE ICP-N50-Y ICP-N50-Y QRZ0054-4R7M QRH017J-1R0M QRH017J-1R0M QRH017K-R82M	SHIELD PLATE FFC CONNECTOR I.C.PROTECT I.C.PROTECT F R F R F R F R	4.7 Ω 1/4W J 1 Ω 1W J 1 Ω 1W J 0.82 Ω 1W K	
	1001 1002-04	CE41433-001Z CE41433-001	BEADS CORE BEADS CORE		

No.51204 4-9

⚠	Symbol No	o. Part No.	Part Name	Description	Local
	OTHE	R S			
	K1101	CE41433-001Z	BEADS CORE	-	*
	K1401	CE41433-001Z	BEADS CORE		*
	K1902	CE42050-001Z	CORE		*
	TU1001	CEEK481-B01	TUNER		*
	W1259	CELP026-8R2Z	PEAKING COIL	8.2 μ Η	*
	W1318	CELP026-8R2Z	PEAKING COIL	8.2 μ Η	*
	X1101	QAX0305-001Z	X TAL		
	X1701	CST8.00MTW	CER.RESONATOR		*
	X1801	CE41257-001Z	CRYSTAL		*

CRT SOCKET PW BOARD ASS'Y [SJE-3001A-U2]

\triangle	Symbol No.	Part No.	Part Name	Description		Local
	RESIST R3113 R3114 R3115-16 R3117 R3118-20 R3124	O R QRG029J-153A QRG029J-183A QRG029J-153A QRG029J-183A QRZ0107-102Z QRG029J-183A	OM R OM R OM R OM R C R OM R	15k Ω 2W 18k Ω 2W 15k Ω 2W 18k Ω 2W 1k Ω 1/2W 18k Ω 2W	J J J K	***
_	R3131	QRZ0107-474Z	C R	470kΩ 1/2W	K	*
	C A P A C I C3101-02 C3103 C3104 C3105 C3106 C3113 C3121 C3123	T O R NCT03CH-271AY NCB21HK-331AY QETN1CM-107Z QETN1CM-476Z NCF21EZ-104AY QCZ0121-102A QETN1HM-106Z QETM2EM-336	CHIP CAP. CHIP CAP. E CAP. E CAP. CER.CAPACITOR-M C CAP. E CAP. E CAP.	270 p F 50V 330 p F 50V 100 μ F 16V 47 μ F 16V 0.1 μ F 25V 1000 p F 3000V 10 μ F 50V 33 μ F 250V	J K M Z Z M	*
	C O I L L3101-03	CELP026-181Z	PEAKING COIL	180 μ Η		*
	D I O D E D3121 D3123 D3124-26	DAN202K-X MA3068(M)-X DAN202K-X	DIODE ARRAY ZENER DIODE DIODE ARRAY			
	T R A N S I Q3101-03 Q3104-06 Q3153 Q3154	S T O R 2PC1815(YG)-T 2SC4544-C1 2PC1815(YG)-T 2SA1162(YG)-X	SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR			**
Δ	OTHERS SK3001	CE42535-001J1	C.R.T.SOCKET			*

4-10

FRONT CONTROL PW BOARD ASS'Y [SJE-8001A-U2]

Δ	Symbol No.	Part No.	Part Name	Description	Loca1
	C A P A C I C8001-02 C8003 C8004 C8005 C8006-07 C8010-11 C8901	T O R NCB21HK-222AY QETN1HM-106Z NCF21EZ-104AY QETN1CM-107Z QEU51VM-108M NCB21HK-472AY QFZ9040-474N QFZ9040-473N	CHIP CAP. E CAP. CER.CAPACITOR-M E CAP. E CAP. CHIP CAP. MF CAP. MM CAP.	2200 p F 50V K 10 µ F 50V M 0.1 µ F 25V Z 100 µ F 16V M 1000 µ F 35V M 4700 p F 50V K 0.47 µ FAC275V M 0.047 µ FAC275V M	** ** ** ** ** **
	C O I L L8001 L8002-03 L8004-05 L8010-11 L8012 L8901-02	CE41832-001 CELP017-5R6Y CE41832-001 CELP017-270Y CE41832-001 CELC055-100	LEAD CORE PEAKING COIL LEAD CORE PEAKING COIL LEAD CORE CHOKE COIL	5.6 μ Η 27 μ Η	***
	D I O D E D8007 D8008 D8009 D8010 D8012 D8013 D8015	P1201 DAN202K-X SLR-342MG3F SPR-39MVWF SLR-342DU3F MA3068(M)-X DAN202K-X	C.D.S. DIODE ARRAY L.E.D.(GRN) L.E.D. L.E.D.(ORG) ZENER DIODE DIODE ARRAY		*
	T R A N S I Q8001 Q8002-03	S T O R 2SC2712(YG)-X DTA144TKA-X	SI.TRANSISTOR DIGI.TRANSISTOR		*
	I C IC8001	TFMS5380ESN	IFR DETECT UNIT		*
	OTHERS CN8006 F8901 J8001 J8002 J8003 J8004 LF8901	CM36156-A01-E CHC108N-25T-AE QMF51D2-3R15J1 QMS3004-C01 CEMN011-001 CEMN011-002 CEMN011-003 CE42144-001J2	L.E.D.HOLDER FFC CONNECTOR FUSE HEADPHONE JACK JACK JACK JACK LINE FILTER	3.15A	**
_	\$8001 \$8002 \$8003 \$8901 TH8901	QSP1A11-C18Z QSP1A11-C18Z QSP1A11-C18Z QSP4K21-C01 CEKP010-001J2	PUSH SWITCH PUSH SWITCH PUSH SWITCH PUSH SWITCH W.P.THERMISTOR	INSTALL ▽(DOWN) △(UP) MAIN POWER	**************************************

No.51204 4-11

IF PW BOARD ASS'Y [SJE0F001A-U2]

\triangle	Symbol No.	Part No.	Part Name	Descriptio	n		Local
	CAPACI	TOR					
	C0030	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	*
	C0040	NCT03CH-102AY	CHIP CAP.	1000 p F	50V	J	**
	C0041	OETN1CM-476Z	E CAP.	47 µ F	16V	M	*
	C0042	NCB21HK-103AY	CHIP CAP.	0.01 u F	50V	K	*
	C0042	OETN1CM-476Z	E CAP.	47 µ F	16V	M	*
		NCB21HK-103AY	CHIP CAP.	0.01μF	50V	K	*
	C0044-45		E CAP.	220 µ F	16V	M	*
	C0047	QETN1CM-227Z	E CAP.	1 μ F	50V	M	*
	C0050	QETN1HM-105Z	C CAP.	1μ1	30 V	111	
	C0054	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	*
	C0055	OETN1CM-476Z	E CAP.	47 µ F	16V	M	*
	C0056	OETN1HM-474Z	E CAP.	0.47 µ F	50V	M	*
	C0057	NCT03CH-102AY	CHIP CAP.	1000 p F	50V	J	*
	C0057	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	ĸ	*
			E CAP.	0.47 μ F	50V	M	*
	C0062	QETN1HM-474Z			50V	ĸ	*
	C0064	NCB21HK-472AY	CHIP CAP.	4700 p F			*
	C0065	QETN1HM-105Z	E CAP.	1 µ F	50V	М	•
	C0069-70	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	*
	C0071	OETN1AM-107Z	E CAP.	100 µ F	10V	M	*
	C0080-81	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	*
		OETN1CM-476Z	E CAP.	47 µ F	16V	M	*
	C0101	_	CHIP CAP.	220 p F	50V	j	*
	C0104	NCTO3CH-221AY			50V	м	*
	C0140	QETN1HM-335Z	E CAP.	3.3 μ F			*
	C0141	NCB21HK-332AY	CHIP CAP.	3300 p F	50V	K	*
	C0142	QETN1HM-105Z	E CAP.	1 μ F	50V	М	•
	C0143	OETN1HM-474Z	E CAP.	0.47 µ F	50V	M	*
	C0144	QETN1HM-335Z	E CAP.	3.3 µ F	50V	M	*
	C0145	NCB21HK-222AY	CHIP CAP.	2200 p F	50V	K	*
	m D A M C E	OPMED					
	TRANSF	CELT001-303	C.WAVE TRANSF.				*
		0221001 000					
	COIL	0544404 0000	CUIT THOUGHOR				*
	L0030	CE41131-2R2Y	CHIP INDUCTOR				*
	L0040	CE41131-4R7Y	CHIP INDUCTOR				
	L0070	CE41131-5R6Y	INDUCTOR				*
	L0103	CE41131-100Y	INDUCTOR				*
	L0104	CE41131-5R6Y	INDUCTOR				*
	TRANSI	STOR					
			SI.TRANSISTOR				*
	Q0080	2SC2712(YG)-X					*
	Q0101	2SC2712(YG)-X	SI.TRANSISTOR				*
	Q0107	2SA1162(YG)-X	SI.TRANSISTOR				*
	Q0109-10	2SC2712(YG)-X	SI.TRANSISTOR				
	I C						
	IC0010	TA8865BN	I.C.(MONO-ANA)	+ · · ·			
	OTHERS		CEDAMIC ETITED				*
	CF0100	TPS5.5MW	CERAMIC FILTER				*
	CF0140	CSB503F30-T2	CER.RESONATOR				*
	SF0010	QAX0316-001	SAW FILTER				•
	SF0012	CE42606-701	SAW FILTER				

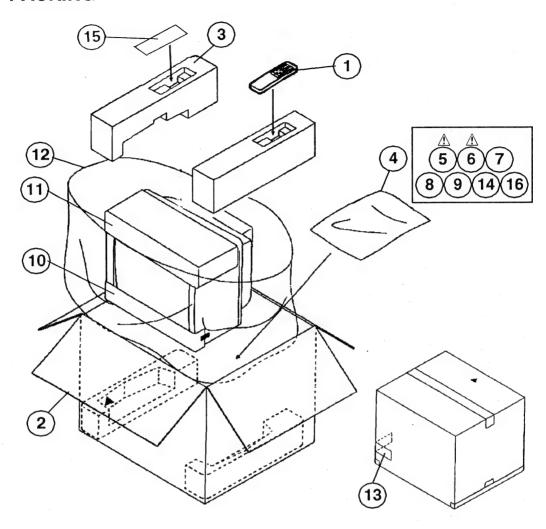
4-12 No.51204

AV SEL & MSP PW BOARD ASS'Y [SJE0S001A-U2]

Δ	Symbol No.	Part No.	Part Name	Descriptio	n		Local
	RESIST		OM R	100 Ω	1W	J	
	R0104 R0206	QRG019J-101S QRG019J-101S	OM R	100 Ω	1W	j	
Λ	R0403	ORZ0054-470M	FR	47 Ω	1/4W	Ĵ	*
4	R0621	QRG019J-181S	OM R	180 Ω	1W	j	*
	CAPACI	TOR					
	C0101	QETN1HM-106Z	E CAP.	10 μ F	50V	М	*
	C0102	QETN1CM-477Z	E CAP.	470 μ F	16V	М	*
	C0103	QETN1CM-227Z	E CAP.	220 μ F	16V	M	*
	C0104	QETN1CM-107Z	E CAP. E CAP.	100 μ F 10 μ F	16V 50V	M M	*
	C0105-08 C0111	QETN1HM-106Z NCB21HK-472AY	CHIP CAP.	4700 p F	50V	ĸ	*
	C0111	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	ĸ	4
	C0115-16	QEN61HM-105Z	BP E CAP.	1 μ F	50V	M	*
	C0117-18	QETN1HM-106Z	E CAP.	10 μ F	50V	M	
	C0201	QETN1HM-106Z	E CAP.	10 µ F	50V	M	*
	C0202	QFLC1HJ-103MZ	M CAP.	0.01 μ F	50V	J	*
	C0203-04	QETN1CM-477Z	E CAP.	470 μ F	16V	М	#
	C0206	QETN1CM-476Z	E CAP.	47 μ F	16V	М	
	C0207-08	QETN1CM-107Z	E CAP.	100 μ F	16V	M	. 4
	C0211 C0213	NCB21HK-472AY NCB21HK-472AY	CHIP CAP.	4700 p F 4700 p F	50V 50V	K K	4
	C0215-16	OETN1HM-105Z	E CAP.	1 µ F	50V	М	*
	C0217-18	QETN1HM-105Z	E CAP.	10 µ F	50V	М	
	C0219	NCT03CH-220AY	CHIP CAP.	22 p F	50V	J	#
	C0301	QETN1CM-476Z	E CAP.	47 μ F	16V	M	*
	C0304-05	QETN1HM-105Z	E CAP.	1 μ F	50V	M	
	C0401	QETN1CM-107Z	E CAP.	100 μ F	16V	М	
	C0402 C0403	NCF21EZ-104AY QEN61CM-106Z	CER.CAPACITOR-M BP E CAP.	0.1 μ F 10 μ F	25V 16V	Z M	1
		•		-			
	C0404	QETN1CM-477Z	E CAP.	470 μ F	16V	M	4
	C0405	NCF21EZ-104AY	CER.CAPACITOR-M	0.1μF 0.01μF	25V 50V	Z K	4
	C0406-07	NCB21HK-103AY	CHIP CAP. E CAP.	0.01 μ F 47 μ F	16V	M	1
	C0521	QETN1CM-476Z NCB21HK-472AY	CHIP CAP.	4700 p F	50V	ĸ	*
	C0522 C0523	NCTO3CH-820AY	CHIP CAP.	82 p F	50V	Ĵ	
	C0524-25	NCTO3CH-470AY	CHIP CAP.	47 p F	50V	Ĵ	•
	C0526	NCT03CH-180AY	CHIP CAP.	18 p F	50V	J	*
	C0601-02	QCT25CH-2R0Z	C CAP.	2 p F	50V	J	,
	C0603-04	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	*
	C0605-06	QETN1HM-106Z	E CAP.	10 μ F	50V	M	,
	C0607-08	NCF21EZ-104AY	CER.CAPACITOR-M	0.1μΕ	25V	Z	
	C0609	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F	25V	Z M	
	C0610	QETN1CM-107Z	E CAP.	100 μ F 470 p F	16V 50V	M J	
	C0611-12 C0613	NCT03CH-471AY NCF21EZ-104AY	CHIP CAP. CER.CAPACITOR-M	470 p F 0.1 μ F	25V	Z	:
	C0614	QETN1HM-106Z	E CAP.	10 µ F	50V	М	:
	C0616	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 µ F	25V	Z	
	C0617-18	QETN1HM-106Z	E CAP.	10 μ F	50V	M	
	C0619-22	NCB21HK-102AY	CHIP CAP.	1000 p F	50V	K.	!
	C0623	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	
	C0625-26	NCB21HK-102AY	CHIP CAP.	1000 p F	50V	K	
	C0627-28	NCTO3CH-391AY	CHIP CAP.	390 p F	50V	J	
	C0629-30	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	•
	C0631-32	NCB21HK-152AY	CHIP CAP.	1500 p F	50V	K	
	C0633-34	NCB21HK-103AY	CHIP CAP.	0.01μ F	50V	K	
	C0635-36	QETN1HM-105Z	E CAP.	1 μ F	50V	М	
	C0637	QETN1CM-107Z	E CAP.	100 µ F	16V	M	
	C0641	QETN1CM-476Z	E CAP.	47 µ F	16V	M	
	C0644	NCB21HK-472AY	CHIP CAP.	4700 p F 100 μ F	50V 16V	K M	,
	C0651	OETN1CM-107Z	E CAP.				

Δ	Symbol No.	Part No.	Part Name	Description	Local
	C O I L L0101-04 L0105 L0201-04 L0205 L0504 L0505 L0606 L0607	CELP017-5R6Y CE41832-001 CELP017-5R6Y CE41832-001 CELP027-180Z CELP027-220Z CELC005-2R5J7 CELP026-100Z	PEAKING COIL LEAD CORE PEAKING COIL LEAD CORE PEAKING COIL PEAKING COIL PEAKING COIL	5 . 6 µ H 5 . 6 µ H 18 µ H 22 µ H 10 µ H	**
	L0608	CELC005-2R5J7	CHOKE COIL		*
	D I O D E D0101 D0301 D0304-05 D0401-02 D0403 D0601	MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2	ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE ZENER DIODE		
	T R A N S I Q0101-02 Q0103-04 Q0105 Q0201 Q0202 Q0203-04 Q0401-03 Q0503	STOR 2SC2712(YG)-X DTC323TK-X 2SA1162(YG)-X 2SC2712(YG)-X 2SA1162(YG)-X DTC323TK-X 2SC2712(YG)-X 2SC2712(YG)-X	SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR		** ** ** ** **
	I C IC0401 IC0601 IC0602	TEA6416 MSP3410B-PP-F7 BA4558F-X	I.C.(MONO-ANA) I.C.(DIGI-OTHER) I C		*
	OTHERS EF0601-02 J0001-02 X0601	S CE42142-103Z CE40529-009J1 CE42546-001Z	EMI FILTER 21 PIN SOCKET CRYSTAL		*

PACKING



PACKING PARTS LIST

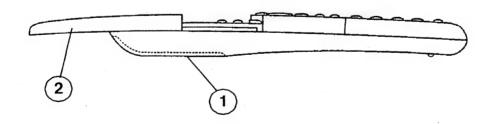
<u> </u>	Symbol No.	Part No.	Part Name	Description	Local
	1	RM-C795-1E	REMOCON UNIT		*
	2	AEM1002-E37-E	PACKING CASE		*
	3	CP11411-A0A-E	CUSHION ASSY	4pcs in 1set	*
	4	AEM3021-001-E	POLY BAG		*
Δ	5	CO40317-001-E	INST BOOK	For GBR/GER/FRA/NED/ITA/ESP	*
$\stackrel{\sim}{\mathbb{A}}$	6	CO40318-001-E	INST BOOK	For FIN/NOR/DEN/SWE/POR	*
Zis	7	BT-20066A-E	ADDRESS CARD	(1295)	*
	8	29TSZEN-HSAE	S.DIAGRAM	(Only ITALY)	
	9	BT-54008-1E	WARRANTY CARD		*
	10	CP40193-009-E	CUSHION SHEET		*
	11	CP40193-010-E	CUSHION SHEET		*
	12	AEM1004-006-E	SET COVER		*
	13	AEM1038-042-E	EURO LABEL		
	14	CM22966-006-E	DEC.SHEET		*
	15	CEX41168-001	CABLE WIRE		*
	16	LCT0065-001A-U	WARNING SHEET		*

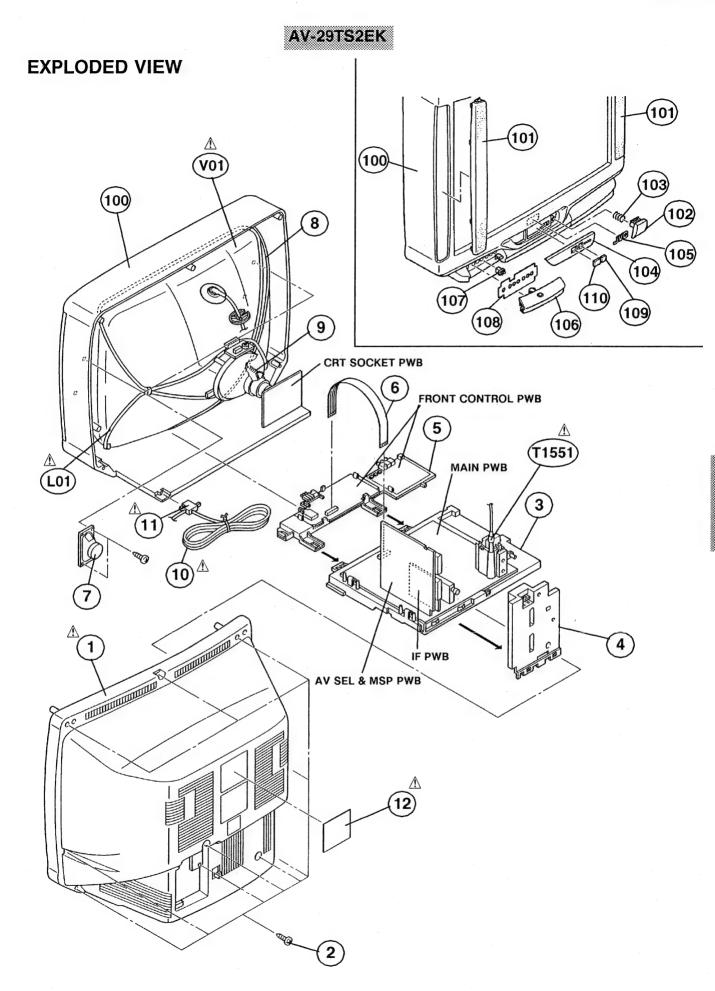
EXPLODED VIEW PARTS LIST

⚠ Ref.No	. Part No.	Part Name	Description	Local
	A68ESF002X011	PICTURE TUBE(ITC)		*
⚠ L01	CELD020-004J7	DEGAUSSING COIL	(OF DVI OF)	*
⚠ T1551	CETH019-00AJ1	H.V.TRANSF.	(SERVICE)	
∆ 1	CM12798-002-E	REAR COVER	(>< 10)	*
2	GBSA4016N	TAPPING SCREW	$(\times 10)$	*
3	CM12933-A01-E CM12784-003-E	CHASSIS BASE AV TERMINAL BASE		*
. 4 5	CM12912-A01-E	CONTROL BASE		*
5	CM12912-AU1-E	CONTROL BASE		
6	CHFB125-12BD	FFC WIRE		*
7	CEBSS12D-04KJ2	SPEAKER	SP01.SP02	*
8	CHGB0010-BF	BRAIDED WIRE		*
9	CHGB0011-0B-FE	SUB BRAIDED WIRE		*
∆ 10	AEEMP003-185A	POWER CORD		*
<u> </u>	CM47016-001-H	CORD CLAMP		*
	CM22875-012-E	RATING LABEL		*
100	CM12909-A0A-E	FRONT CABI ASSY	Inc.No.101~110	*
101	CM12911-B01-E	SPEAKER PANEL	(×2)	
102	CM36561-001	POWER KNOB		
103	CM35110-003	SPRING		
104	CM23120-A01-E	CONTROL WINDOW		
105	CM48006-A03-H	JVC MARK		
106	CM23119-A01-E	DOOR		
107	CM48001-00A	DOOR LATCH		
108	CM36562-002-E	CONTROL SHEET		
109	CM36246-001-H	E.E.WINDOW		
110	CM36247-A01-H	REMOCON WINDOW		

REMOTE CONTROL UNIT

riangle Symbol No.	Part No.	Part Name	Description	Local
1 2	BGV110201A BGV110302A	BATTERY COVER SLIDE COVER		





PRINTED WIRING BOARD ASS'Y PARTS LIST

MAIN PW BOARD ASS'Y [SJE-1901A-U2]

∆ Symbol No.	Part No.	Part Name	Descripti	on		Local
RESIST R1001 R1417 △ R1466 R1483 R1510 R1511 R1522 R1524	T O R QRD12CJ-474SX QRG019J-101S QRD14CJ-2R2SX QRG039J-330A QRG029J-182 QRG029J-222 QRG029J-103 QRF074K-3R3	C R OM R C R OM R OM R OM R OM R	470k Ω 100 Ω 2.2 Ω 33 Ω 1.8k Ω 2.2k Ω 10k Ω 3.3 Ω	1/2W 1W 1/4W 3W 2W 2W 2W	J J J J J K	**
⚠ R1585 ⚠ R1586 R1714 R1901 R1904 R1905 R1906 R1951	QRV141F-2941AY QRV141F-1582AY QRB065J-472 QRF104K-3R9 QRG039J-333 QRG039J-473 QRM059J-R27 QRF074J-102	MF R MF R NETW.R UNF R OM R OM R MP R UNF R	2.94k Ω 15.8k Ω 4.7k Ω 3.9 Ω 33k Ω 47k Ω 0.27 Ω 1k Ω	1/4W 1/4W 6W 10W 3W 3W 5W 7W	F J K J J J	**
R1954 R1955 R1958 R1962 R1967 ⚠ R1991	QRG019J-120S QRG029J-180 QRG029J-473A QRG019J-121S QRG029J-223 QRZ0057-825	OM R OM R OM R OM R OM R C R	$\begin{array}{ccc} 12 & \Omega \\ 18 & \Omega \\ 47 k & \Omega \\ 120 & \Omega \\ 22 k & \Omega \\ 8.2 \text{M} & \Omega \end{array}$	1W 2W 2W 1W 2W	J J J J	**
C A P A C C1001 C1003 C1004 C1005 C1006 C1007-08 C1102 C1103	I T O R QETN1HM-226Z QETN1CM-108Z QETN1HM-106Z QCZ0120-104MZ QETN1CM-107Z QCZ0120-104MZ QCZ0120-104MZ QCZ0120-104MZ	E CAP. E CAP. C CAP.	22 μ F 1000 μ F 10 μ F 0.1 μ F 100 μ F 0.1 μ F 0.1 μ F 1 μ F	50V 16V 50V 25V 16V 25V 25V 50V	M M Z M Z Z	***
C1104 C1105 C1109 C1110 C1111 C1113-15 C1116 C1117	QFLC1HJ-223MZ QETN1HM-475Z QETN1CM-108Z QCT25CH-120Z QETN1CM-107Z QFLC1HJ-104MZ QETN1HM-225Z QFLC1HJ-103MZ	M CAP. E CAP. E CAP. C CAP. E CAP. E CAP. M CAP. E CAP. M CAP.	0.022 μ F 4.7 μ F 1000 μ F 12 p F 100 μ F 0.1 μ F 2.2 μ F 0.01 μ F	50V 50V 16V 50V 16V 50V 50V 50V	J M J M J M	***
C1118-20 C1121 C1122 C1124 C1125 C1126 C1401 C1402	QETN1HM-105Z QETN1HM-475Z QETN1CM-107Z QETN1HM-106Z QETN1HM-105Z QETN1CM-107Z QETN1HM-105Z QETN1HM-105Z QFLC1HJ-152MZ	E CAP. M CAP.	1 μ F 4.7 μ F 100 μ F 10 μ F 1 μ F 100 μ F 1 μ F 1500 p F	50V 50V 16V 50V 50V 16V 50V 50V	M M M M M M	**
C1403 C1404 C1405 C1407-08 C1409 C1410 C1414 C1415	QETB1VM-108 QETN1VM-107Z QETN1CM-107Z QFLC1HJ-104MZ QFLC2AJ-393MZ QFLC2AJ-563MZ QFLC1HJ-152MZ QETN1HM-106Z	E CAP. E CAP. E CAP. M CAP. M CAP. M CAP. M CAP. E CAP.	1000 µ F 100 µ F 100 µ F 100 µ F 0.1 µ F 0.039 µ F 0.056 µ F 1500 p F	35V 35V 16V 50V 100V 100V 50V 50V	M M J J J	***
C1417 C1462 C1463 C1464 C1465	QFV71HJ-154MZ QFP31HG-333S QEM61EK-225MZ QFV71HJ-184MZ QFV71HJ-823MZ	TF CAP. PP CAP. E CAP. TF CAP. TF CAP.	0.15 µ F 0.033 µ F 2.2 µ F 0.18 µ F 0.082 µ F	50V 50V 25V 50V 50V	J G K J	***************************************

∆ Symbol No.	Part No.	Part Name	Description	Local
C A P A C C1466 C1467 C1468-69 C1470 C1501 C1507 C1510 ⚠ C1521	I T O R QETN1CM-108Z QFLC1HJ-104MZ QFLC1HJ-103MZ QEM61HK-475MZ QETN1CM-107Z QETN1HM-105Z QEHC2CM-105MZ QFZ0117-4001L	E CAP. M CAP. M CAP. E CAP. E CAP. E CAP. E CAP. MPP CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* * * * * * * *
⚠ C1522 ⚠ C1523 C1524 ⚠ C1525 C1526 C1528 ⚠ C1531 C1553	QFZ0117-9501L QFP32GJ-223M QFZ0194-364 QFZ0119-684S QEHC2EM-475MZ QETM2CM-227 QFZ0119-154S QEHC1EM-108MZ	MPP CAP. PP CAP. MPP CAP. MPP CAP. E CAP. E CAP. MPP CAP. E CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*
C1554 C1555 C1556 C1561 C1581 C1582 C1601 C1602-03	QETN1EM-108Z QETN2EM-106Z QFV71HJ-104MZ QFLC1HJ-103MZ QETN1AM-227Z QETN2AM-106Z QCZ0120-104MZ QETN1CM-476Z	E CAP. E CAP. TF CAP. M CAP. E CAP. C CAP. C CAP. E CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* * * *
C1604 C1605-08 C1610 C1612 C1615 C1702 C1703 C1704 C1705	QCZ0120-104MZ QFV71HJ-224MZ QETN1CM-228Z QETN1CM-476Z QCZ0120-104MZ QCZ0120-104MZ QETN1HM-106Z QETN1AM-227Z QCZ0120-104MZ	C CAP. TF CAP. E CAP. C CAP. C CAP. C CAP. E CAP. E CAP. C CAP.	$\begin{array}{cccccc} 0.1\muF & 25V & Z \\ 0.22\muF & 50V & J \\ 2200\muF & 16V & Z \\ 47\muF & 16V & M \\ 0.1\muF & 25V & Z \\ 0.1\muF & 25V & Z \\ 10\muF & 50V & M \\ 220\muF & 10V & M \\ 0.1\muF & 25V & Z \\ \end{array}$	* * * * * * * * * * * * *
C1706-07 C1709 C1711 C1712 C1715 C1716 C1718 C1721 C1807 C1809 C1811 C1812 C1813 C1815 C1816 C1818	QETN1HM-105Z QCT25CH-680Z QCZ0120-104MZ QETN1AM-107Z QFLC1HJ-333MZ QFLC1HJ-104MZ QCT25CH-560Z QCZ0120-104MZ QETN1CM-476Z QETN1HM-106Z QETN1HM-106Z QETN1CM-107Z QETN1HM-106Z QFLC1HJ-104MZ QFLC1HJ-104MZ QFLC1HJ-223MZ QCT25CH-150Z	E CAP. C CAP. C CAP. E CAP. M CAP. C CAP. C CAP. E CAP. C CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* * * * * * * * * * * * * * * * * * * *
C1822 G1824 C1826 C1827 C1828 C1829 A C1902 A C1903	QFV71HJ-104MZ QFLC1HJ-102MZ QCZ0120-104MZ QETN0JM-227Z QCZ0120-104MZ QFLC1HJ-104MZ QCZ9034-472A QCZ9034-472A	TF CAP. M CAP. C CAP. E CAP. C CAP. M CAP. C CAP. C CAP.	$\begin{array}{ccccc} 0.1~\mu~F & 50V & J \\ 1000~p~F & 50V & J \\ 0.1~\mu~F & 25V & Z \\ 220~\mu~F & 6.3V & M \\ 0.1~\mu~F & 25V & Z \\ 0.1~\mu~F & 50V & J \\ 4700~p~FAC400V & P \\ 4700~p~FAC400V & P \end{array}$	*
⚠ C1904 C1905 C1908 C1910 C1911 C1915 C1917 C1918	QCZ9034-472A QEZ0167-227M QCZ0122-151A QCZ0122-221A QCZ0122-391A QETN1EM-107Z QFLC1HJ-102MZ QFLC1HJ-104MZ	C CAP. E CAP. C CAP. C CAP. C CAP. M CAP. M CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	•

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∆ Symbo	1 No. Part No.	Part Name	Description	Local
C A F C1920 C1921 C1951 C1952 C1958 C1959 C1960	QFLC1HJ-102 QCZ0122-221 -53 QCZ0132-102 QEZ0203-227 QEZ0125-228	MZ M CAP. A C CAP. AZ C CAP. E CAP. R E CAP. MZ E CAP.	1 μ F 50V 1000 p F 50V 220 p F 2000V 1000 p F 500V 220 μ F 160V 2200 μ F 25V 470 μ F 10V 1000 μ F 25V	M * J * K * K * M M M *
C1962 C1963 C1964 C1967 C1968 C1971 A C1992 A C1993	QEHC1AM-227 -69 QETN1CM-227	Z BP E CAP. MZ C CAP. MZ E CAP. Z E CAP. MZ TF CAP. A C CAP.	1000 µ F 35V 10 µ F 16V 0.1 µ F 25V 220 µ F 10V 220 µ F 16V 0.1 µ F 50V 470 p FAC400V 3300 p FAC400V	M * M * Z * M * M * J * K * M *
T R A T1501 T1521 ⚠ T1901	NSFORMER CE42034-002 CE42549-001 CETS083-001	J1 BRIGE COIL		*
C O I L1001 L1002 L1101 L1461 L1521 L1551 L1701 L1702	CELP026-270 -04 CELP026-8R2	Z PEAKING CO Z PEAKING CO J1 INJECTION J1 LINEARITY J6 HEATER CHO Z PEAKING CO	IL 8.2μΗ IL 4.7μΗ COIL COIL KE IL 8.2μΗ	***
L1801 L1802 L1901 L1951	CELP026-3R3 CELP026-4R7 CELC005-2R5 CELC901-046	Z PEAKING CO J7 CHOKE COIL	IL 4.7 μH	*
D I C D1101 D1402 D1404 D1405 D1406 D1407 D1461 D1462	1SS133-T2 1N4003-T2	SI.DIODE ZENER DIOD SI.DIODE ZENER DIOD	E E	* * * * * *
D1465 D1521 D1522 D1523 D1551 D1553 D1555 D1561	BY228-20' BYW95B-20 BYD33G-T3 -52 BYW95B-20	SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE		* * * * * * * *
D1582 D1583 D1601 D1603 D1701 D1703 D1708 D1711	-07 1SS133-T2 -02 MA700-T2 MTZJ3.6(A)-	SI.DIODE 2 ZENER DIOD SI.DIODE SI.DIODE	E	* * * * *
D1801	-02 1SS133-T2 D3SBA60 BYD33M-T3 BYD33D-T3 RU4B-C1 BYD33M-T3 BYD33G-T3	SI.DIODE DIODE BRID SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE	GE	* * * * * *

Δ	Symbol No.	Part No.	Part Name	Description	Local
	D I O D E D1954 D1955-56 D1957 D1958 D1960 D1961 D1962 D1963	BYD33D-T3 BYW95B-20 1SS146-T2 MTZJ7.5(B)-T2 MCR22-6 MTZJ15(B)-T2 BYD33D-T3 MTZJ33(B)-T2	SI.DIODE SI.DIODE SI.DIODE SI.DIODE ZENER DIODE S C R ZENER DIODE SI.DIODE ZENER DIODE		**************************************
	D1964 D1980-82	MTZJ5.1(B)-T2 1SS133-T2	ZENER DIODE SI.DIODE		**************************************
Δ	T R A N S I Q1101 Q1461-65 Q1466 Q1467 Q1501 Q1521 Q1531 Q1532	S T O R 2PA1015(YG)-T 2PC1815(YG)-T 2SD1408(OY)-LB 2PC1815(YG)-T BSN274 BU2508AX IRF620 DTC124ES-T	SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR F.E.T. POWER TRANSISTOR F.E.T. DIGI.TRANSISTOR	н.оит	, , , , , , , , , , , , , , , , , , ,
	Q1573 Q1601 Q1602 Q1701-02 Q1801 Q1802 Q1806-07 Q1901	2PC1815(YG)-T 2PC1815(YG)-T 2PA1015(YG)-T 2PC1815(YG)-T 2PA1015(YG)-T DTC124ES-T 2PC1815(YG)-T MTA4N60E	SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR F.E.T.		4 4 4 4 8
	Q1951 Q1952 Q1953	2PC1815(YG)-T 2SC2240(GB)-T DTC124ES-T	SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR		,
	I C IC1101 IC1401 IC1461 IC1531 IC1601 IC1701 IC1702 IC1703	TB1227AN LA7845N TA8859CP TLP621(B) TDA7263M M37204MC-C40SP L78LR05E-MA AT24C1625TS2EK	I C I C I C I.C.(PH.COUPLER) I C I C I.C.(MONO-ANA) I.C.	(SERVICE)	,
⚠	IC1802 IC1804 IC1805 IC1901 IC1902 IC1951 IC1952 IC1953	TC4053BP CF70206 CF72417 MC44604P TLP721F(D4-GR) AN7812F AN7809F KIA7805PI	I.C.(DIGI-MOS) I.C.(DIGI-MOS) I.C.(DIGI-MOS) I C I.C.(PH.COUPLER) I.C.(MONO-ANA) I.C.(MONO-ANA) I.C.(MONO-ANA)	•	
	IC1954	SE135N	I.C.(HYBRID)		
<u>^</u> <u>^</u> <u>^</u>	OTHERS CN1006 CP1952 CP1953 FR1551 FR1552 FR1553 FR1954	CM48279-001-E CHC108N-25T-AE ICP-N50-Y ICP-N50-Y QRZ0054-4R7M QRH017J-1R0M QRH017J-1R0M QRH017J-1R0M QRH017K-R82M	SHIELD PLATE FFC CONNECTOR I.C.PROTECT I.C.PROTECT F R F R F R F R F R	$\begin{array}{cccc} 4.7 & \Omega & 1/4W \\ & 1 & \Omega & 1W \\ & 1 & \Omega & 1W \\ & 0.82 & \Omega & 1W \end{array}$	J J J K
7:2	K1001 K1002-04 K1101 K1401 K1902 TU1001	CE41433-001Z CE41433-001 CE41433-001Z CE41433-001Z CE42050-001Z CEEK380-B01	BEADS CORE BEADS CORE BEADS CORE BEADS CORE CORE TUNER		

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⚠ Symbol No	. Part No.	Part Name	Description	Local
ОТНЕБ	R S			
W1259	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
W1318	CELP026-8R2Z	PEAKING COIL	8.2 μ Η	*
X1101	QAX0305-001Z	X TAL		
X1701	CST8.00MTW	CER.RESONATOR		*
X1801	CE41257-001Z	CRYSTAL		*

CRT SOCKET PW BOARD ASS'Y [SJE-3001A-U2]

\triangle	Symbol No.	Part No.	Part Name	Description		Local
energical del	RESIST R3113 R3114 R3115-16 R3117 R3118-20 R3124	O R QRG029J-153A QRG029J-183A QRG029J-153A QRG029J-183A QRZ0107-102Z ORG029J-183A	OM R OM R OM R OM R C R	15k Ω 2W 18k Ω 2W 15k Ω 2W 18k Ω 2W 1k Ω 1/2W 18k Ω 2W	J J J K	**
	R3124 R3131	QRZ0107-474Z	C R	470kΩ 1/2W	K	*
	C A P A C I C3101-02 C3103 C3104 C3105 C3106 C3113 C3121 C3123	T O R NCT03CH-271AY NCB21HK-331AY QETN1CM-107Z QETN1CM-476Z NCF21EZ-104AY QCZ0121-102A QETN1HM-106Z QETM2EM-336	CHIP CAP. CHIP CAP. E CAP. E CAP. CER.CAPACITOR-M C CAP. E CAP. E CAP.	270 p F 50V 330 p F 50V 100 µ F 16V 47 µ F 16V 0.1 µ F 25V 1000 p F 3000V 10 µ F 50V 33 µ F 250V	J K M M Z Z M	* * * * * * *
	C O I L L3101-03	CELP026-181Z	PEAKING COIL	180 μ Η		*
	D I O D E D3121 D3123 D3124-26	DAN202K-X MA3068(M)-X DAN202K-X	DIODE ARRAY ZENER DIODE DIODE ARRAY			
	T R A N S I Q3101-03 Q3104-06 Q3153 Q3154	S T O R 2PC1815(YG)-T 2SC4544-C1 2PC1815(YG)-T 2SA1162(YG)-X	SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR			10c 10c 10c
Δ	OTHERS SK3001	CE42535-001J1	C.R.T.SOCKET			*

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FRONT CONTROL PW BOARD ASS'Y [SJE-8001A-U2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
C A P A C C8001-02 C8003 C8004 C8005 C8006-07 C8010-11 \triangle C8901 \triangle C8904	I T O R NCB21HK-222AY QETN1HM-106Z NCF21EZ-104AY QETN1CM-107Z QEU51VM-108M NCB21HK-472AY QFZ9040-474N QFZ9040-473N	CHIP CAP. E CAP. CER.CAPACITOR-M E CAP. E CAP. CHIP CAP. MF CAP. MM CAP.	2200 p F 50V 10 µ F 50V 0.1 µ F 25V 100 µ F 16V 1000 µ F 35V 4700 p F 50V 0.47 µ FAC275V 0.047 µ FAC275V	K * * * * * * * * * * * * * * * * * * *
C O I L L8001 L8002-03 L8004-05 L8010-11 L8012 L8901-02	CE41832-001 CELP017-5R6Y CE41832-001 CELP017-270Y CE41832-001 CELC055-100	LEAD CORE PEAKING COIL LEAD CORE PEAKING COIL LEAD CORE CHOKE COIL	5 . 6 µ H 27 µ H	**
D I O D E D8007 D8008 D8009 D8010 D8012 D8013 D8015	P1201 DAN202K-X SLR-342MG3F SPR-39MVWF SLR-342DU3F MA3068(M)-X DAN202K-X	C.D.S. DIODE ARRAY L.E.D.(GRN) L.E.D. L.E.D.(ORG) ZENER DIODE DIODE ARRAY		*
T R A N S Q8001 Q8002-03	I S T O R 2SC2712(YG)-X DTA144TKA-X	SI.TRANSISTOR DIGI.TRANSISTOR		*
I C IC8001	TFMS5380ESN	IFR DETECT UNIT		*
OTHER CN8006 A F8901 J8001 J8002 J8003 J8004 A LF8901 S8001 S8002 S8003 A S8901	S CM36156-A01-E CHC108N-25T-AE QMF51D2-3R15J1 QMS3004-C01 CEMN011-001 CEMN011-002 CEMN011-003 CE42144-001J2 QSP1A11-C18Z QSP1A11-C18Z QSP1A11-C18Z QSP1A11-C18Z QSP4K21-C01	L.E.D.HOLDER FFC CONNECTOR FUSE HEADPHONE JACK JACK JACK JACK LINE FILTER PUSH SWITCH PUSH SWITCH PUSH SWITCH PUSH SWITCH	3.15A INSTALL ∇ (DOWN) Δ (UP) MAIN POWER	

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IF PW BOARD ASS'Y [SJE0F901A-U2]

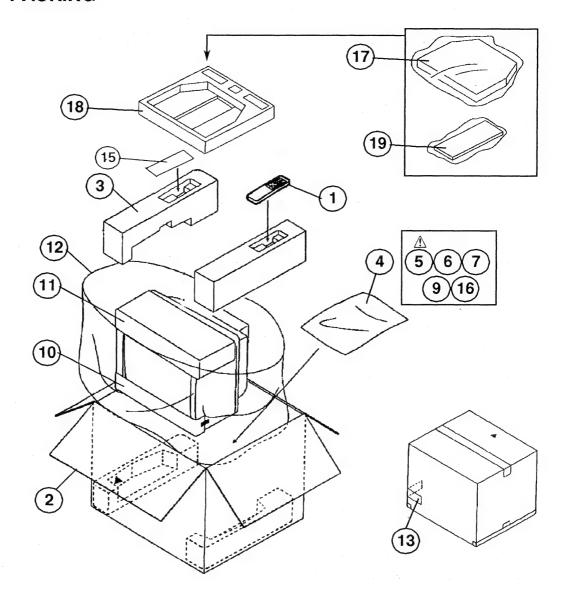
⚠ Symbol No.	Part No.	Part Name	Descriptio	n ,	Local
CAPAC	ITOR				
C0030	NCB21HK-472AY	CHIP CAP.	4700 p F	50V K	*
C0040	NCT03CH-102AY	CHIP CAP.	1000 p F	50V J	*
C0041	QETN1CM-476Z	E CAP.	47 µ F	16V M	*
C0042	NCB21HK-103AY	CHIP CAP.	0.01 µ F	50V K	*
C0042	QETN1CM-476Z	E CAP.	47 µ F	16V M	*
C0043	NCB21HK-103AY	CHIP CAP.	0.01 µ F	50V K	*
	QETN1CM-227Z	E CAP.	220 µ F	16V M	**
C0047	_	E CAP.	220 μ F	50V M	*
C0050	QETN1HM-105Z	L CAF.	ı µ ı	300 111	
C0054	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V K	*
C0055	QETN1CM-476Z	E CAP.	47 µ F	16V M	*
C0056	OETN1HM-474Z	E CAP.	0.47 µ F	50V M	*
C0057	NCT03CH-102AY	CHIP CAP.	1000 p F	50V J	*
C0058	NCB21HK-472AY	CHIP CAP.	4700 p F	50V K	*
C0062	QETN1HM-474Z	E CAP.	0.47 µ F	50V M	*
C0064	NCB21HK-472AY	CHIP CAP.	4700 p F	50V K	*
		E CAP.	1 µ F	50V M	*
C0065	QETN1HM-105Z	E CAP.	Ιμι	30V M	
C0069-70	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V K	. *
C0071	QETN1AM-107Z	E CAP.	100 µ F	10V M	*
C0080-81	NCB21HK-472AY	CHIP CAP.	4700 p F	50V K	*
C0101	QETN1CM-476Z	E CAP.	47 µ F	16V M	*
C0104	NCT03CH-221AY	CHIP CAP.	220 p F	50V J	*
C0140	OETN1HM-335Z	E CAP.	3.3 µ F	50V M	*
C0140	NCB21HK-332AY	CHIP CAP.	3300 p F	50V K	
C0141	OETN1HM-105Z	E CAP.	1 μ F	50V M	*
C0142	QCINIUM-1032	L CAF.	Ιμ.	300 111	
C0143	QETN1HM-474Z	E CAP.	0.47 μ F	50V M	*
C0144	ÕETN1HM-335Z	E CAP.	3.3 µ F	50V M	*
C0145	NCB21HK-222AY	CHIP CAP.	2200 p F	50V K	*
TRANS	FORMER				
T0050	CELT001-303	C.WAVE TRANSF.			*
0011					
COIL	CE 41121-2D2V	CHIP INDUCTOR			*
L0030	CE41131-2R2Y				
L0040	CE41131-4R7Y	CHIP INDUCTOR			
L0070	CE41131-5R6Y	INDUCTOR			*
L0103	CE41131-8R2Y	CHIP INDUCTOR			*
L0104	CE41131-4R7Y	CHIP INDUCTOR			T
TRANS	ISTOR				
Q0080	2SC2712(YG)-X	SI.TRANSISTOR			*
00101	2SC2712(YG)-X	SI.TRANSISTOR			*
00107	2SA1162(YG)-X	SI.TRANSISTOR			*
00109-10	2SC2712(YG)-X	SI.TRANSISTOR			*
Q0103 10	2002/12(10) N	01.710/11010101			
I C		T 0 (MC)			
IC0010	TA8865BN	I.C.(MONO-ANA)			
OTHER	S				
CF0100	TPSH6.0MB	CERAMIC FILTER			*
CF0140	CSB503F30-T2	CER.RESONATOR			*
SF0010	0AX0315-001	SAW FILTER			*
SF0012	CE41031-301	SAW FILTER			*
310012	CETION OUT	Orm TILILI			

AV SEL & MSP PW BOARD ASS'Y [SJE0S901A-U2]

Λ	Symbol No.	Part No.	Part Name	Descriptio	n		Local
	RESIST		OM R	100 Ω	1W	J	*
	R0104 R0206	QRG019J-101S ORG019J-101S	OM R	100 Ω	1W	j	*
Λ	R0403	ORZ0054-470M	FR	47 Ω	1/4W	Ĵ	
	R0621	QRG019J-181S	OM R	180 Ω	1W	J	•
	CAPACI		r can	10 n E	50V	М	
	C0101	QETN1HM-106Z	E CAP. E CAP.	10 μ F 470 μ F	16V	M	
	C0102	QETN1CM-477Z	E CAP.	220 μ F	16V	M	
	C0103 C0104	QETN1CM-227Z OETN1CM-107Z	E CAP.	100 µ F	16V	M	
	C0105-08	OETN1HM-106Z	E CAP.	10 µ F	50V	M	
	C0111	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	
	C0113	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	
	C0115-16	QEN61HM-105Z	BP E CAP.	1μF	50V	М	i
	C0117-18	QETN1HM-106Z	E CAP.	10 μ F	50V	M	
	C0201	QETN1HM-106Z	E CAP.	10 μ F	50V 50V	M J	
	C0202	QFLC1HJ-103MZ	M CAP. E CAP.	0.01 μ F 470 μ F	16V	M	
	C0203-04 C0206	QETN1CM-477Z OETN1CM-476Z	E CAP.	470 μ F	16V	M	
	C0207-08	OETN1CM-470Z	E CAP.	100 u F	16V	M	
	C0207-08	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	
	C0213	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	
	C0215-16	QETN1HM-105Z	E CAP.	1 µ F	50V	M	:
	C0217-18	QETN1HM-106Z	E CAP.	10 μ F	50V	M	
	C0219	NCT03CH-220AY	CHIP CAP.	22 p F	50V 16V	J M	
	C0301	QETN1CM-476Z	E CAP. E CAP.	47 μ F 1 μ F	50V	M	
	C0304-05 C0401	QETN1HM-105Z QETN1CM-107Z	E CAP.	100 µ F	16V	М	
	C0401	NCF21EZ-104AY	CER.CAPACITOR-M	0.1μF	25V	Z	
	C0403	QEN61CM-106Z	BP E CAP.	10 µ F	16V	M	:
	C0404	QETN1CM-477Z	E CAP.	470 µ F	16V	M	
	C0405	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F	25V	Z	
	C0406-07	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K M	
	C0521	QETN1CM-476Z	E CAP. CHIP CAP.	47 μ F 4700 p F	16V 50V	K	
	C0522	NCB21HK-472AY NCT03CH-820AY	CHIP CAP.	82 p F	50V	Ĵ	
	C0523 C0524-25	NCTO3CH-470AY	CHIP CAP.	47 p F	50V	Ĵ	
	C0526	NCT03CH-180AY	CHIP CAP.	18 p F	50V	J	
	C0601-02	QCT25CH-2R0Z	C CAP.	2 p F	50V	J	
	C0603-04	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	
	C0605-06	QETN1HM-106Z	E CAP.	10 μ F	50V 25V	M Z	
	C0607-08	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 0.1 μ F	25V 25V	Z	
	C0609 C0610	NCF21EZ-104AY OETN1CM-107Z	CER.CAPACITOR-M E CAP.	0.1 μ Γ 100 μ F	16V	M	
	C0610 C0611-12	NCTO3CH-471AY	CHIP CAP.	470 p F	50V	j	
	C0613	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F	25V	Z	
	C0614	QETN1HM-106Z	E CAP.	10 μ F	50V	М	
	C0616	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F	25V	Z	
	C0617-18	QETN1HM-106Z	E CAP.	10 μ F	50V	M	
	C0619-22	NCB21HK-102AY	CHIP CAP.	1000 թ F 0.01 μ F	50V 50V	K K	
	C0623	NCB21HK-103AY	CHIP CAP. CHIP CAP.	0.01 μ F 1000 p F	50V	K	
	C0625-26 C0627-28	NCB21HK-102AY NCT03CH-391AY	CHIP CAP.	390 p F	50V	Ĵ	
	C0627-28	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	
	C0631-32	NCB21HK-152AY	CHIP CAP.	1500 p F	50V	K	
	C0633-34	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	
	C0635-36	QETN1HM-105Z	E CAP.	1 μ Ϝ	50V	М	
	C0637	QETN1CM-107Z	E CAP.	100 μ F	16V	M	
	C0641	QETN1CM-476Z	E CAP. CHIP CAP.	47 μ F 4700 p F	16V 50V	M K	
	C0644	NCB21HK-472AY OETN1CM-107Z	E CAP.	4700 p Γ 100 μ F	16V	M	
	C0651 C0652-53	OETN1HM-106Z	E CAP.	10 μ F	50V	M	

⚠	Symbol No.	Part No.	Part Name	Description	Local
	C O I L L0101-04 L0105 L0201-04 L0205 L0504 L0505 L0606	CELP017-5R6Y CE41832-001 CELP017-5R6Y CE41832-001 CELP027-180Z CELP027-220Z CELC005-2R5J7	PEAKING COIL LEAD CORE PEAKING COIL LEAD CORE PEAKING COIL PEAKING COIL CHOKE COIL	5.6 µ H 5.6 µ H 18 µ H 22 µ H	*
	L0607	CELP026-100Z	PEAKING COIL	10 µ H	*
	L0608	CELC005-2R5J7	CHOKE COIL		*
	D I O D E D0101 D0301 D0304-05 D0401-02 D0403 D0601	MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3130(L)-X RD8.2E(B2)-T2	ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE ZENER DIODE		
	T R A N S I Q0101-02 Q0103-04 Q0105 Q0201 Q0202 Q0203-04 Q0401-03 Q0503	S T O R 2SC2712(YG)-X DTC323TK-X 2SA1162(YG)-X 2SC2712(YG)-X 2SA1162(YG)-X DTC323TK-X 2SC2712(YG)-X 2SC2712(YG)-X	SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR		*
	I C IC0401 IC0601 IC0602	TEA6416 MSP3410B-PP-F7 BA4558F-X	I.C.(MONO-ANA) I.C.(DIGI-OTHER) I C		*
	OTHERS EF0601-02 J0001-02 X0601	CE42142-103Z CE40529-009J1 CE42546-001Z	EMI FILTER 21 PIN SOCKET CRYSTAL		*

PACKING



PACKING PARTS LIST

Local	Description	Part Name	Part No.	Symbol No.	A S
		REMOCON UNIT	RM-C794-1E	1	
*		PACKING CASE	AEM1002-048-E	2	
*	4pcs in 1set	CUSHION ASSY	CP11411-B0A-E	3	
*	•	POLY BAG	AEM3021-001-E	4	
*		INST.BOOK	CQ40319-001-E	5	\triangle
*		SET-UP GUIDE	CQ40320-001-E	6	
*	(1295)	ADDRESS CARD	BT-20066A-E	7	
*	` '	WARRANTY CARD	BT-54008-1E	9	
*		CUSHION SHEET	CP40193-009-E	10	
*		CUSHION SHEET	CP40193-010-E	11	
*		SET COVER	AEM1004-006-E	12	
		EURO LABEL	AEM1038-041-E	13	
*		CABLE WIRE	CEX41168-001	15	
*		WARNING SHEET	LCT0065-001A-U	16	
*		TV STAND	RK-GS30	17	
*		TOP TRAY	AEM1033-004-E	18	
*		TOP PANEL	AEM3080-001-E	19	

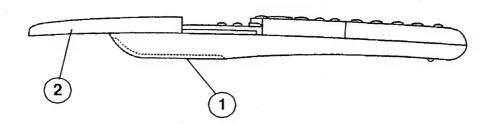
No.51204 4-27

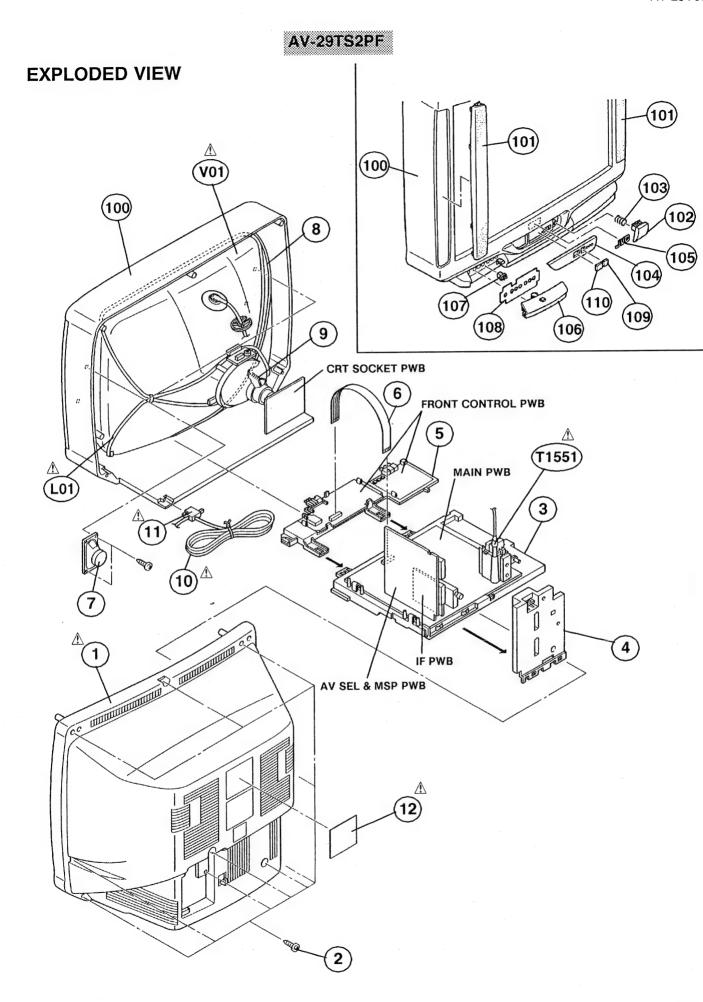
EXPLODED VIEW PARTS LIST

Local	Description	Part Name	Part No.	∴ Ref.No.
*		ITC TUBE(C)	A68ESF002X011	∆ V01
*		DEGAUSSING COIL	CELD020-004J7	△ L01
	(SERVICE)	H.V.TRANSF.	CETH019-00AJ1	⚠ T1551
n e		REAR COVER	CM12798-002-E	△ 1
*	(×10)	TAPPING SCREW	GBSA4016N	2
*		CHASSIS BASE	CM12933-A01-E	3
*		AV TERMINAL BASE	CM12784-003-E	4
		CONTROL BASE	CM12912-A01-E	5
*		FFC WIRE	CHFB125-12BD	6
*	SP01,SP02	SPEAKER	CEBSS12D-04KJ2	7
*		BRAIDED WIRE	CHGB0010-BF	8
*		SUB BRAIDED WIRE	CHGB0011-0B-FE	9
*		POWER CORD	AEEMP001-185	∆ 10
*		CORD CLAMP	CM47016-001-H	△ 11
*		RATING LABEL	CM23159-001-E	△ 12
*	Inc.No.101~110	FRONT CABI ASSY	CM12909-A0A-E	100
	(×2)	SPEAKER PANEL	CM12911-B01-E	101
	()	POWER KNOB	CM36561-001	102
		SPRING	CM35110-003	103
		CONTROL WINDOW	CM23120-A01-E	104
		JVC MARK	CM48006-A03-H	105
		DOOR	CM23119-A01-E	106
		DOOR LATCH	CM48001-00A	107
		CONTROL SHEET	CM36562-002-E	108
		E.E.WINDOW	CM36246-001-H	109
		REMOCON WINDOW	CM36247-A01-H	110

REMOTE CONTROL UNIT

∆ Symbol No.	Part No.	Part Name	Description	Local
1 2	BGV110201A BGV110303A	BATTERY COVER SLIDE COVER		





PRINTED WIRING BOARD ASS'Y PARTS LIST

MAIN PW BOARD ASS'Y [SJE-1704A-U2]

•	Symbol No.	Part No.	Part Name	Descripti	00		Local
	Symbol No.	rait NO.	rait Name	Descripti	011		LUCAT
	RESIST						
	R1001	QRD12CJ-474SX	C R	470k Ω	1/2W	J	*
٨	R1417	QRG019J-101S	OM R	100 Ω	1W	j	T
4	R1466	QRD14CJ-2R2SX	C R	2.2 Ω	1/4W	J	*
	R1474	QRV141F-2491AY	MF R	2.49kΩ	1/4W	F	
	R1483	QRG039J-330A	OM R	33 Ω	3W	J	•
	R1510	QRG029J-182	OM R	1.8k Ω	2W	J	
	R1511	QRG029J-222	OM R	2.2kΩ	2W	J	*
	R1522	QRG029J-103	OM R	10k Ω	2W	J	•
	R1524	QRF074K-3R3	UNF R	3.3 Ω	7W	K	*
Λ	R1585	ORV141F-2941AY	MF R	2.94k Ω	1/4W	F	
-	R1586	QRV141F-1582AY	MF R	15.8k Ω	1/4W	F	*
	R1714	ORB065J-472	NETW.R	4.7kΩ	6W	j	
	R1901	ORF104K-3R9	UNF R	3.9 Ω	10W	ĸ	*
	R1904	QRG039J-333	OM R	33k Ω	3W	Ĵ	*
	R1905	QRG039J-473	OM R	47k Ω	3W	Ĵ	*
	R1906	QRM059J-R27	MP R	0.27 Ω	5W	Ĵ	*
	111000	Quinocoo NE7		0.27 0	0.,	Ü	
	R1951	QRF074J-102	UNF R	1k Ω	7W	J	*
	R1954	QRG019J-120S	OM R	12 Ω	1W	J	*
	R1955	QRG029J-180	OM R	18 Ω	2W	J	*
	R1958	QRG029J-473A	OM R	47k Ω	2W	J	*
	R1962	ORG019J-121S	OM R	120 Ω	1W	J	*
	R1967	QRG029J-223	OM R	22k Ω	2W	J	*
\triangle	R1991	QRZ0057-825	C R	$8.2M\Omega$	1W	J	*
	CAPACI						
	C1001	QETN1HM-106Z	E CAP.	10 μ F	50V	М	· ·
	C1003	QETN1CM-108Z	E CAP.	1000 μ F	16V	M	*
	C1004	QETN1HM-106Z	E CAP.	10 μ F	50V	М	*
	C1005	QCZ0120-104MZ	C CAP.	0.1 μ F	25V	Z	*
	C1006	QETN1CM-107Z	E CAP.	100 μ F	16V	M	*
	C1007-08	QCZ0120-104MZ	C CAP.	0.1 μ F	25V	Z .	*
	C1102	QCZ0120-104MZ	C CAP.	0.1 μ F	25V	Z	*
	C1103	QFLC1HJ-104MZ	M CAP.	0.1 μ F	50V	J	*
	04404	051 04111 000147	M CAD	0.000	F 0\/	,	*
	C1104	QFLC1HJ-823MZ	M CAP.	0.082 μ F	50V	J	*
	C1105	QETN1HM-475Z	E CAP.	4.7 µ F	50V	М	*
	C1109	QETN1CM-108Z	E CAP.	1000 μ F	16V	M	*
	C1110	QCT25CH-120Z	C CAP.	12 p F	50V	J	*
	C1111	QETN1HM-106Z	E CAP.	10 μ F	50V	M	*
	C1113-15	QFLC1HJ-104MZ	M CAP.	0.1 μ F	50V	J	
	C1116	QETN1HM-225Z	E CAP.	2,2μF	50V	М	*
	C1117	QFLC1HJ-103MZ	M CAP.	0.01 μ F	50V	J	*
	C1118-20	QETN1HM-105Z	E CAP.	1 μ F	50V	М	sk
							*
	C1121	QETN1HM-475Z QETN1CM-107Z	E CAP.	4.7 μ F	50V 16V	M	*
	C1122		E CAP.	100 μ F 10 μ F		M	*
	C1124	QETN1HM-106Z	E CAP.		50V	M	*
	C1125	QETN1HM-105Z	E CAP.	1 μ F	50V	M	*
	C1126	QETN1CM-476Z	E CAP.	47 μ F	16V	M	*
	C1128 C1401	QCT25CH-390Z QETN1HM-105Z	C CAP. E CAP.	39 p F 1 µ F	50V 50V	J M	*
	01401	Ar LMITHM-1097	L CAF.	ιμг	JUV	171	
	C1402	OFLC1HJ-152MZ	M CAP.	1500 p F	50V	J	*
	C1403	QETB1VM-108	E CAP.	1000 μ F	35V	M	*
	C1404	OETN1VM-107Z	E CAP.	100 μ F	35V	M	*
	C1405	QETN1CM-107Z	E CAP.	100 μ F	16V	M	*
	C1407-08	OFLC1HJ-104MZ	M CAP.	0.1 μ F	50V	j	*
	C1409	OFLC2AJ-393MZ	M CAP.	0.039 µ F	100V	Ĵ	*
	C1410	OFLC2AJ-563MZ	M CAP.	0.056 μ F	100V	j	*
	C1414	QFLC1HJ-152MZ	M CAP.	1500 p F	50V	Ĵ	*
		-		•			
	C1415	QETN1HM-106Z	E CAP.	10 μ F	50V	M	*
	C1417	QFV71HJ-154MZ	TF CAP.	0.15 μ F	50V	J	*
	C1462 C1463	QFP31HG-333S QEM61EK-225MZ	PP CAP. E CAP.	0.033 μ F 2.2 μ F	50V 25V	G K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C A P A C C1464 C1465 C1466 C1467 C1468-69 C1470 C1501 C1507	I T O R QFV71HJ-184MZ QFV71HJ-823MZ QETN1CM-108Z QFLC1HJ-104MZ QFLC1HJ-103MZ QEM61HK-475MZ QETN1CM-107Z QETN1HM-105Z	TF CAP. TF CAP. E CAP. M CAP. M CAP. E CAP. E CAP. E CAP.	$\begin{array}{ccccc} 0.18\muF & 50V & J \\ 0.082\muF & 50V & J \\ 1000\muF & 16V & M \\ 0.1\muF & 50V & J \\ 0.01\muF & 50V & J \\ 4.7\muF & 50V & K \\ 100\muF & 16V & M \\ 1\muF & 50V & M \end{array}$	* * * * * * *
C1510 ⚠ C1521 ⚠ C1522 ⚠ C1523 C1524 ⚠ C1525 C1526 C1528	QEHC2CM-105MZ QFZ0117-4001L QFZ0117-9501L QFP32GJ-223M QFZ0194-364 QFZ0119-684S QEHC2EM-475MZ QETM2CM-227	E CAP. MPP CAP. MPP CAP. PP CAP. MPP CAP. MPP CAP. E CAP. E CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* * * *
⚠ C1531 C1553 C1554 C1555 C1556 C1561 C1581 C1582	QFZ0119-154S QEHC1EM-108MZ QETN1EM-108Z QETN2EM-106Z QFV71HJ-104MZ QFLC1HJ-103MZ QETN1AM-227Z QETN2AM-106Z	MPP CAP. E CAP. E CAP. TF CAP. M CAP. E CAP. E CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* * * * * * * *
C1601 C1602-03 C1604 C1605-08 C1610 C1612 C1615 C1616 C1702	QCZ0120-104MZ QETN1CM-476Z QCZ0120-104MZ QFV71HJ-224MZ QETN1CM-228Z QETN1CM-476Z QCZ0120-104MZ QETN1CM-227Z QCZ0120-104MZ	C CAP. E CAP. C CAP. TF CAP. E CAP. C CAP. C CAP. C CAP. C CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* * * * * * *
C1703 C1704 C1705 C1706-07 C1709 C1711 C1712 C1715	QETN1HM-106Z QETN1AM-227Z QCZ0120-104MZ QETN1HM-105Z QCT25CH-680Z QCZ0120-104MZ QETN1AM-107Z QFLC1HJ-333MZ	E CAP. E CAP. C CAP. C CAP. C CAP. C CAP. M CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* * * * *
C1716 C1718 C1721 C1807 C1809 C1811 C1812 C1813 C1815	QFLC1HJ-104MZ QCT25CH-560Z QCZ0120-104MZ QETN1CM-476Z QETN1HM-106Z QETN1HM-106Z QETN1CM-107Z QETN1HM-106Z QFLC1HJ-104MZ	M CAP. C CAP. C CAP. E CAP. E CAP. E CAP. E CAP. E CAP. M CAP.	0.1 μ F 50V J 56 p F 50V J 0.1 μ F 25V Z 47 μ F 16V M 10 μ F 50V M 10 μ F 50V M 10 μ F 16V M 10 μ F 50V M 0.1 μ F 50V J	*
C1816 C1818 C1820-21 C1822 C1824 C1826 C1827 C1828	QETN1HM-226Z QFLC1HJ-223MZ QCT25CH-150Z QFV71HJ-104MZ QFLC1HJ-102MZ QCZ0120-104MZ QETN0JM-227Z QCZ0120-104MZ	E CAP. M CAP. C CAP. TF CAP. M CAP. C CAP. E CAP.	22 µ F 50V M 0.022 µ F 50V J 15 p F 50V J 0.1 µ F 50V J 1000 p F 50V J 0.1 µ F 25V Z 220 µ F 6.3V M 0.1 µ F 25V Z	*
C1829 A C1902 A C1903 A C1904 C1905 C1908 C1910 C1911	QFLC1HJ-104MZ QCZ9034-472A QCZ9034-472A QCZ9034-472A QEZ0167-227M QCZ0122-151A QCZ0122-221A QCZ0122-391A	M CAP. C CAP. C CAP. E CAP. C CAP. C CAP. C CAP. C CAP.	0.1 µ F 50V J 4700 p FAC400V P 4700 p FAC400V P 4700 p FAC400V P 220 µ F 385V M 150 p F 2000V K 220 p F 2000V K 390 p F 2000V K	* * * * *

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<u> </u>	Symbol No.	Part No.	Part Name	Description	Local
	C A P A C 1 C1915 C1917 C1918 C1920 C1921 C1951 C1952-53 C1958	T O R QETN1EM-107Z QFLC1HJ-102MZ QFLC1HJ-104MZ QETN1HM-105Z QFLC1HJ-102MZ QCZ0122-221A QCZ0132-102AZ QEZ0203-227	E CAP. M CAP. M CAP. E CAP. C CAP. C CAP. C CAP. E CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* * * * *
	C1959 C1960 C1961 C1962 C1963 C1964-66 C1967 C1968-69	QEZ0125-228R QEHC1AM-477MZ QETN1EM-108Z QEHB1VM-108M QFV71HJ-224MZ QCZ0120-104MZ QEHC1AM-227MZ QETN1CM-227Z	E CAP. E CAP. E CAP. TF CAP. C CAP. E CAP. E CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*
	C1971-72 C1975 C1992 C1993	QFV71HJ-104MZ QFV71HJ-224MZ QCZ9041-471A QCZ9041-332A	TF CAP. TF CAP. C CAP. C CAP.	$\begin{array}{cccc} 0.1\mu\text{F} & 50\text{V} & \text{J} \\ 0.22\mu\text{F} & 50\text{V} & \text{J} \\ 470p\text{FAC400V} & \text{K} \\ 3300p\text{FAC400V} & \text{M} \end{array}$	* *
⚠	T R A N S F T1501 T1521 T1901	ORMER CE42034-002 CE42549-001J1 CETS083-001J7	H.DRIVE TRANSF. BRIGE COIL SW TRANSF.		*
	C O I L' L1001 L1002 L1003-04 L1101 L1102 L1103 L1461 L1521	CELP026-270Z CE41433-001Z CELP026-8R2Z CELP026-221Z CELP026-4R7Z CELP026-330Z CE42567-001J1 CELL011-002J1	PEAKING COIL BEADS CORE PEAKING COIL PEAKING COIL PEAKING COIL PEAKING COIL INJECTION COIL LINEARITY COIL	27 μ Η 8.2 μ Η 220 μ Η 4.7 μ Η 33 μ Η	* * * * * *
	L1551 L1701 L1702 L1801 L1802 L1901 L1951 L1952	CELC901-086J6 CELP026-8R2Z CELP026-221Z CELP026-3R3Z CELP026-4R7Z CELC005-2R5J7 CELC901-046J6 CELP026-8R2Z	HEATER CHOKE PEAKING COIL PEAKING COIL PEAKING COIL CHOKE COIL HEATER CHOKE PEAKING COIL	8.2 μ H 220 μ H 3.3 μ H 4.7 μ H 8.2 μ H	* * * * *
	D I O D E D1101 D1402 D1404 D1405 D1406 D1407 D1461 D1462	1SS133-T2 1N4003-T2 MTZJ9.1(C)-T2 1SS133-T2 MTZJ22(B)-T2 1SS133-T2 MTZJ3.9(B)-T2 MTZJ3.9(B)-T2	SI.DIODE SI.DIODE ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE ZENER DIODE ZENER DIODE ZENER DIODE		**
	D1465-66 D1521 D1522 D1523 D1551-52 D1553-54 D1555 D1561	MTZJ22(C)-T2 BY228-20 BYW95B-20 BYD33G-T3 BYW95B-20 BYD33G-T3 BYD33D-T3 MTZJ9.1(B)-T2	ZENER DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE ZENER DIODE		* * * * *
	D1582 D1583 D1601-02 D1603-04 D1605 D1606-07	MA4068(N)C1-T2 BYD33D-T3 MTZJ33(A)-T2 1SS133-T2 1SS146-T2 1SS133-T2	ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE SI.DIODE SI.DIODE		* * * * *

A	Symbol No.	Part No.	Part Name	Description	Local
	C A P A C I D1701-02 D1708-11 D1801-02 D1901 D1902 D1904 D1951 D1952	T O R MA700-T2 1SS133-T2 1SS133-T2 D3SBA60 BYD33M-T3 BYD33D-T3 RU4B-C1 BYD33M-T3	SI.DIODE SI.DIODE SI.DIODE DIODE BRIDGE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE		* * * * * * * * *
	D1953 D1954 D1955-56 D1957 D1958 D1960 D1961 D1962	BYD33G-T3 BYD33D-T3 BYW95B-20 1SS146-T2 MTZJ7.5(B)-T2 MCR22-6 MTZJ15(B)-T2 BYD33D-T3	SI.DIODE SI.DIODE SI.DIODE SI.DIODE ZENER DIODE S C R ZENER DIODE SI.DIODE		* * * * * * * * * * *
	D1963 D1964 D1965 D1980-82	MTZJ33(B)-T2 MTZJ5.1(B)-T2 MTZJ7.5(C)-T2 1SS133-T2	ZENER DIODE ZENER DIODE ZENER DIODE SI.DIODE		*
<u></u>	T R A N S I Q1101 Q1103 Q1461-65 Q1466 Q1467 Q1501 Q1521 Q1531	S T O R 2PA1015(YG)-T DTC124ESA-T 2PC1815(YG)-T 2SD1408(OY)-LB 2PC1815(YG)-T BSN274 BU2508AX IRF620	SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR F.E.T. POWER TRANSISTOR F.E.T.	H.OUT	* * * * * *
	Q1532 Q1573 Q1601 Q1602 Q1603-04 Q1605 Q1701-02 Q1801	DTC124ES-T 2PC1815(YG)-T 2PC1815(YG)-T 2PA1015(YG)-T DTC323TS-T 2PA1015(YG)-T 2PC1815(YG)-T 2PA1015(YG)-T	DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR		** ** ** **
	Q1802 Q1806-07 Q1901 Q1951 Q1952 Q1953	DTC124ES-T 2PC1815(YG)-T MTA4N60E 2PC1815(YG)-T 2SC2240(GB)-T DTC124ES-T	DIGI.TRANSISTOR SI.TRANSISTOR F.E.T. SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR		******
	I C IC1101 IC1401 IC1461 IC1531 IC1601 IC1701 IC1702 IC1703	TB1227AN LA7845N TA8859CP TLP621(B) TDA7263M M37204MC-C40SP L78LR05E-MA AT24C1625TS2PF	I C I C I C I.C.(PH.COUPLER) I C I C I.C.(MONO-ANA) I.C.	(SERVICE)	***
Δ	IC1802 IC1804 IC1805 IC1901 IC1902 IC1951 IC1952 IC1953	TC4053BP CF70206 CF72417 MC44604P TLP721F(D4-GR) AN7812F AN7809F KIA7805PI	I.C.(DIGI-MOS) I.C.(DIGI-MOS) I.C.(DIGI-MOS) I C I.C.(PH.COUPLER) I.C.(MONO-ANA) I.C.(MONO-ANA) I.C.(MONO-ANA)		** ** ** **
	IC1954	SE135N	I.C.(HYBRID)		*

No.51204

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⚠	Symbol No.	Part No.	Part Name	Description	Local
	OTHERS				
		CM48279-001-E	SHIELD PLATE		*
	CN1006	CHC108N-25T-AE	FFC CONNECTOR		*
\triangle	CP1952	ICP-N50-Y	I.C.PROTECT		*
Δ	CP1953	ICP-N50-Y	I.C.PROTECT		*
Δ	FR1551	QRZ0054-4R7M	FR	4.7 Ω 1/4W J	*
\triangle	FR1552	QRH017J-1ROM	FR	1 Ω 1W J	*
Δ	FR1553	QRH017J-1R0M	FR	1 Ω 1W J	*
⚠	FR1954	QRH017K-R82M	FR	0.82 Ω 1W K	*
	K1001	CE41433-001Z	BEADS CORE		*
	K1002-04	CE41433-001	BEADS CORE		*
	K1401	CE41433-001Z	BEADS CORE		*
	K1901-02	CE42050-001Z	CORE		*
	K1951	CE42050-001Z	CORE		*
	TU1001	CEEK481-B02	TUNER		*
	W1259	CELP026-8R2Z	PEAKING COIL	8.2 µ H	*
	W1318	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
	X1101	OAX0305-001Z	X TAL		
	X1701	CST8.00MTW	CER. RESONATOR		*
	X1801	CE41257-001Z	CRYSTAL		*

CRT SOCKET PW BOARD ASS'Y [SJE-3001A-U2]

\triangle	Symbol No.	Part No.	Part Name	Description	Loca1
	RESIST R3113-17 R3118-20 R3124 R3131	O R QRG029J-153A QRZ0107-102Z QRG029J-153A QRZ0107-474Z	OM R C R OM R C R	15kΩ 2W 1kΩ 1/2W 15kΩ 2W 470kΩ 1/2W	J * K * J *
	C A P A C I C3101-02 C3103 C3104 C3105 C3106 C3113 C3121 C3123	T O R NCT03CH-271AY NCB21HK-331AY QETN1CM-107Z QETN1CM-476Z NCF21EZ-104AY QCZ0121-102A QETN1HM-106Z QETM2EM-336	CHIP CAP. CHIP CAP. E CAP. E CAP. CER.CAPACITOR-M C CAP. E CAP. E CAP.	270 p F 50V 330 p F 50V 100 µ F 16V 47 µ F 16V 0.1 µ F 25V 1000 p F 3000V 10 µ F 50V 33 µ F 250V	J * K * M * M * Z * Z * M * M *
	C O I L L3101-03	CELP026-181Z	PEAKING COIL	180 μ Η	*
	D I O D E D3121 D3123 D3124-26	DAN202K-X MA3068(M)-X DAN202K-X	DIODE ARRAY ZENER DIODE DIODE ARRAY		
	T R A N S I Q3101-03 Q3104-06 Q3153 Q3154	S T O R 2PC1815(YG)-T 2SC4544-C1 2PC1815(YG)-T 2SA1162(YG)-X	SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR		* * *
\triangle	OTHERS SK3001	CE42535-001J1	C.R.T.SOCKET		16

FRONT CONTROL PW BOARD ASS'Y [SJE-8001A-U2]

∆ Symbol No.	Part No.	Part Name	Description	Lo	cal
CAPACI	TOR				
C8001-02	NCB21HK-222AY	CHIP CAP.	2200 p F 50V	K	
C8003	OETN1HM-106Z	E CAP.	10 μ F 50V	M	*
C8004	NCF21EZ-104AY	CER, CAPACITOR-M	0.1 μ F 25V	Z	*
C8005	OETN1CM-107Z	E CAP.	100 μ F 16V	M	**
	OEU51VM-108M	E CAP.	1000 u F 35V	M	*
C8006-07	NCB21HK-472AY	CHIP CAP.	4700 p F 50V	K	*
C8010-11	OFZ9040-474N	MF CAP.	0.47 μ FAC275V	M	*
∆ C8901 ∆ C8904	QFZ9040-473N	MM CAP.	0.047 μ FAC275V	M	*
COIL					
L8001	CE41832-001	LEAD CORE			*
L8001-03	CELP017-5R6Y	PEAKING COIL	5.6 µ H		*
	CE41832-001	LEAD CORE			*
L8004-05	CELP017-270Y	PEAKING COIL	27 μ Η		4
L8010-11		LEAD CORE	P		4
L8012	CE41832-001	CHOKE COIL			aj.
L8901-02	CELC055-100	CHOKE COIL			
DIODE	D4004	C.D.S.			4
D8007	P1201	DIODE ARRAY			
D8008	DAN202K-X				*
D8009	SLR-342MG3F	L.E.D.(GRN)			9
D8010	SPR-39MVWF	L.E.D.			
D8012	SLR-342DU3F	L.E.D.(ORG)			
D8013	MA3068(M)-X	ZENER DIODE			
D8015	DAN202K-X	DIODE ARRAY			
TRANS	ISTOR				
08001	2SC2712(YG)-X	SI.TRANSISTOR			,
	DTA144TKA-X	DIGI.TRANSISTOR			1
Q8002-03	UIAI441KA-A	DIGITATION			٠.
I C IC8001	TFMS5380ESN	IFR DETECT UNIT			1
100001	1111333001311	2111			
OTHER	S CM36156-A01-E	L.E.D.HOLDER			
CN8006	CHC108N-25T-AE	FFC CONNECTOR			
	OMF51D2-3R15J1	FUSE	3.15A		
△ F8901		HEADPHONE JACK			
J8001	QMS3004-C01	JACK			
J8002	CEMN011-001	JACK			
J8003	CEMN011-002	JACK			
J8004	CEMN011-003	LINE FILTER			
⚠ LF8901	CE42144-001J2	TIME LIFIER			
S8001	QSP1A11-C18Z	PUSH SWITCH	INSTALL		
S8002	QSP1A11-C18Z	PUSH SWITCH	\triangle (DOMN)		
S8002	QSP1A11-C18Z	PUSH SWITCH	\triangle (UP)		
∆ S8901	OSP4K21-C01	PUSH SWITCH	MAIN POWER		
∆ 38901 ∧ TH8901	CEKP010-001J2	W.P.THERMISTOR			
77 1U090I	CERTOTO GOTOE				

IF PW BOARD ASS'Y [SJE0F701A-U2]

R E S I S T O R ΦR0609 QRZ0054-470M F R 47 Ω 1/4W J C A P A C I T O R C0020 NGB21HK-472AY CHIP CAP. 4700 p F 50V K C0020 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0026-27 NCB21HK-103AY CHIP CAP. 4700 p F 50V K C0040 NCT03CH-102AY CHIP CAP. 4700 p F 50V K C0041 QETNICM-476Z E CAP. 47 μ F 16V M C0042 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0043 QETNICM-476Z E CAP. 47 μ F 16V M C0044 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0046 NGB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0047 QETNICM-227Z E CAP. 220 μ F 16V M C0051 NCB23HK-472AY CHIP CAP. 0.01 μ F 50V K C0051 NCB23HK-103AY CHIP CAP. 0.01 μ F 50V K C0052	Local		on	ripti	Descr	Part Name	Part No.	No.	Symbol	<u> </u>
CO020 CO022-25 NCB21HK-472AY CHIP CAP. 4700 p F 50V K K C0022-25 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C C0026-27 NCB21HK-472AY CHIP CAP. 0.01 μ F 50V K C C0040 NCT03CH-102AY CHIP CAP. 4700 p F 50V K C C0041 QETN1CM-476Z E CAP. 47 μ F 16V M M C0042 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C C0043 QETN1CM-476Z E CAP. 47 μ F 16V M M C0044 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C C0046 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C C0047 QETN1CM-227Z E CAP. 220 μ F 16V M K C0047 QETN1CM-22AY CHIP CAP. 0.01 μ F 50V K C C0050 QAT3110-100A TRIM.CAPACITOR 10 p F 50V K C C0053 </th <th>*</th> <th>J</th> <th>1/4W</th> <th>7 Ω</th> <th>47</th> <th>F R</th> <th></th> <th>IST</th> <th></th> <th>Δ</th>	*	J	1/4W	7 Ω	47	F R		IST		Δ
CO022-25 NCB21HK-472AY CHIP CAP. 4700 p F 50V K K C0026-27 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K K C0030 NCB21HK-472AY CHIP CAP. 1000 p F 50V K K C0040 NCT03CH-102AY CHIP CAP. 1000 p F 50V K K C0041 QETN1CM-476Z E CAP. 47 μ F 16V M M C0042 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K K C0043 QETN1CM-476Z E CAP. 47 μ F 16V M M C0044 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K K C0047 QETN1CM-227Z E CAP. 220 μ F 16V M M C0047 QETN1HM-105Z E CAP. 220 μ F 16V M M C0050 QETN1HM-105Z E CAP. 1 μ F 50V M K C0051 NCB21HK-472AY CHIP CAP. 470 μ F 50V K K C0052 QAT3110-100A TRIM.CAPACITOR 10 μ F 50V K K C0053 NCB21HK-103AY CHIP CAP.							TOR	ACI	САР	
CO026-27 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K 50V K C0030 NCB21HK-472AY CHIP CAP. 4700 μ F 50V J K C0040 NCT03CH-102AY CHIP CAP. 1000 μ F 50V J C C0042 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C C0043 QETN1CM-476Z E CAP. 47 μ F 16V M C0044 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0046 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0047 QETN1CM-227Z E CAP. 220 μ F 16V M C0050 QETN1HM-105Z E CAP. 220 μ F 16V M C0051 NCB21HK-472AY CHIP CAP. 4700 μ F 50V M C0052 QAT3110-100A TRIM.CAPACITOR 10 μ F 100V C0053 NCT03CH-5R0AY CHIP CAP. 5 μ F 50V J C0054 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0055 QETN1CM-476Z E CAP. 47 μ F 16V M C0066 QETN1CM-474Z E CAP. 47 μ F 50V M	*	K	50V) p F	4700	CHIP CAP.	NCB21HK-472AY		C0020	
CO0300 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0040 NCT03CH-102AY CHIP CAP. 1000 p F 50V J C0041 QETN1CM-476Z E CAP. 47 μ F 16V M C0042 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0043 QETN1CM-476Z E CAP. 47 μ F 16V M C0044 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0046 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0047 QETN1HM-105Z E CAP. 220 μ F 16V M C0050 QETN1HM-105Z E CAP. 1 μ F 50V M C0051 NCB21HK-472AY CHIP CAP. 4700 μ F 50V M C0052 QAT3110-100A TRIM.CAPACITOR 10 μ F 50V M C0053 NCT03CH-5R0AY CHIP CAP. 0.01 μ F 50V M C0064 NCB21HK-472AY <	*	K	50V) p F	4700	CHIP CAP.	NCB21HK-472AY	25	C0022-	
C0040 NCT03CH-102AY CHIP CAP. 1000 p f 50V J C0041 QETNICM-476Z E CAP. 47 μ f 16V M C0042 NCB21HK-103AY CHIP CAP. 0.01 μ f 50V K C0043 QETNICM-476Z E CAP. 47 μ f 16V M C0044 NCB21HK-103AY CHIP CAP. 0.01 μ f 50V K C0046 NCB21HK-103AY CHIP CAP. 0.01 μ f 50V K C0047 QETNICM-227Z E CAP. 220 μ f 16V M C0050 QETNIHM-105Z E CAP. 220 μ f 16V M C0051 NCB21HK-472AY CHIP CAP. 4700 p f 50V K C0052 QAT3110-100A TRIM.CAPACITOR 10 p f 100V C0053 NCT03CH-5R0AY CHIP CAP. 47 μ f 16V M C0054 NCB21HK-103AY CHIP CAP. 0.01 μ f 50V K C0055 QETN1HM-476Z E CAP. 47 μ f 16V M C0056 QETN1HM-474Z E CAP. 47 μ f 16V M	*	K	50V	lμF	0.01	CHIP CAP.	NCB21HK-103AY	27	C0026-	
C0041 QETN1CM-476Z E CAP. 47 μ F 16V M C0042 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0043 QETN1CM-476Z E CAP. 0.01 μ F 50V K C0044 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0046 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0047 QETN1CM-227Z E CAP. 220 μ F 16V M C0050 QETN1HM-105Z E CAP. 1 μ F 50V M C0051 NCB21HK-472AY CHIP CAP. 4700 p F 50V M C0052 QAT3110-100A TRIM.CAPACITOR 10 p F 100V C0053 NCT03CH-5R0AY CHIP CAP. 5 p F 50V J C0054 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V M C0055 QETN1CM-476Z E CAP. 47 μ F 16V M C0056 QETN1HM-474Z CHIP CAP. <	*	K	50V) p F	4700	CHIP CAP.	NCB21HK-472AY		C0030	
C0042 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0043 QETNICM-476Z E CAP. 47 μ F 16V M C0044 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0046 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0047 QETN14M-105Z E CAP. 220 μ F 16V M C0050 QETN14M-105Z E CAP. 4700 p F 50V K C0051 NCB21KK-472AY CHIP CAP. 4700 p F 50V K C0052 QAT3110-100A TRIM.CAPACITOR 10 p F 100V K C0053 NCT03CH-5R0AY CHIP CAP. 5 p F 50V K C0054 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0055 QETN1CM-476Z E CAP. 47 μ F 16V M C0056 QETN1HM-474Z E CAP. 0.47 μ F 50V M C0057 NCT03CH-120AY C	*	J	50V) p F	1000		NCT03CH-102AY		C0040	
C0043 QETN1CM-476Z E CAP. 47 μ F 16V M C0044 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0046 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0047 QETN1CM-277Z E CAP. 220 μ F 16V M C0050 QETN1HM-105Z E CAP. 1 μ F 50V K C0051 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0052 QAT3110-100A TRIM.CAPACITOR 10 p F 100V K C0053 NCT03CH-5R0AY CHIP CAP. 5 p F 50V J C0054 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0055 QETN1CM-476Z E CAP. 47 μ F 16V M C0056 QETN1HM-474Z E CAP. 0.47 μ F 50V M C0057 NCB21HK-472AY CHIP CAP. 1000 p F 50V K C0059 QAT3110-100A TRIM.	*		16V	7 μ F	47		QETN1CM-476Z		C0041	
C0044 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0046 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0047 QETN1CM-227Z E CAP. 220 μ F 16V M C0050 QETN1HM-105Z E CAP. 1 μ F 50V M C0051 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0052 QAT3110-100A TRIM.CAPACITOR 10 p F 100V K C0053 NCT03CH-5R0AY CHIP CAP. 5 p F 50V K C0054 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0055 QETN1HM-474Z E CAP. 47 μ F 16V M C0056 QETN1HM-474Z E CAP. 100 p F 50V M C0057 NCT03CH-102AY CHIP CAP. 100 p F 50V K C0058 NCB21HK-472AY CHIP CAP. 10 p F 50V K C0059 QAT3110-100A TRI	*	K	50V	lμF	0.01		NCB21HK-103AY		C0042	
C0046 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0047 QETN1CM-227Z E CAP. 220 μ F 16V M C0050 QETN1HM-105Z E CAP. 1 μ F 50V M C0051 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0052 QAT3110-100A TRIM.CAPACITOR 10 p F 100V K C0053 NCT03CH-5R0AY CHIP CAP. 5 p F 50V J C0054 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0055 QETN1CM-476Z E CAP. 47 μ F 16V M C0056 QETN1HM-474Z E CAP. 0.47 μ F 50V M C0057 NCT03CH-102AY CHIP CAP. 1000 p F 50V J C0058 NCB21HK-472AY CHIP CAP. 10 p F 100V C0069 QAT3110-100A TRIM.CAPACITOR 10 p F 50V J C0061 NCT03CH-120AY CHIP CAP.	*	М	16V	ηF	47	E CAP.	QETN1CM-476Z		C0043	
C0047 QETN1CM-227Z E CAP. 220 μ F 16V M C0050 QETN1HM-105Z E CAP. 1 μ F 50V K C0051 NCB21HK-472AY CHIP CAP. 4700 μ F 50V K C0052 QAT3110-100A TRIM.CAPACITOR 10 μ F 100V C C0053 NCT03CH-5R0AY CHIP CAP. 5 μ F 50V K C0054 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0055 QETN1CM-476Z E CAP. 47 μ F 16V M C0056 QETN1HM-474Z E CAP. 0.47 μ F 50V K C0057 NCT03CH-102AY CHIP CAP. 1000 μ F 50V J C0058 NCB21HK-472AY CHIP CAP. 4700 μ F 50V K C0059 QAT3110-100A TRIM.CAPACITOR 10 μ F 50V K C0060 NCT03CH-120AY CHIP CAP. 12 μ F 50V J C0061 NCT03CH-3AY	*	K	50V	lμF	0.01	CHIP CAP.	NCB21HK-103AY		C0044	
C0050 QETN1HM-105Z E CAP. 1 μ F 50V M C0051 NGB21HK-472AY CHIP CAP. 4700 p F 50V K C0052 QAT3110-100A TRIM.CAPACITOR 10 p F 100V K C0053 NCT03CH-5R0AY CHIP CAP. 5 p F 50V J C0054 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0055 QETN1CM-476Z E CAP. 47 μ F 16V M C0056 QETNHHM-474Z E CAP. 0.47 μ F 50V M C0057 NCT03CH-102AY CHIP CAP. 1000 p F 50V M C0058 NCB21HK-472AY CHIP CAP. 4700 p F 50V M C0069 QAT3110-100A TRIM.CAPACITOR 10 p F 100V M C0061 NCT03CH-7R0AY CHIP CAP. 12 p F 50V J C0061 NCT03CH-7R0AY CHIP CAP. 0.47 μ F 50V M C0062 QETN1HM-474Z	*	K	50V			CHIP CAP.	NCB21HK-103AY		C0046	
C0051 NCB21HK-472AY CHIP CAP. 4700 p F 50V K K C0052 QAT3110-100A TRIM.CAPACITOR 10 p F 100V DOOD DOOD <td>*</td> <td>М</td> <td>16V</td> <td>)μF</td> <td>220</td> <td></td> <td>QETN1CM-227Z</td> <td></td> <td>C0047</td> <td></td>	*	М	16V)μF	220		QETN1CM-227Z		C0047	
C0052 C0053 QAT3110-100A NCT03CH-5R0AY C0054 TRIM.CAPACITOR CHIP CAP. 10 p F 5 p F 50V 100V J F 50V C0054 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0055 QETN1CM-476Z E CAP. 47 μ F 16V M C0056 QETN1HM-474Z E CAP. 0.47 μ F 1000 p F 50V M C0057 NCT03CH-102AY C0058 CHIP CAP. 1000 p F 100V SOV M M C0059 QAT3110-100A QAT3110-100A C0060 TRIM.CAPACITOR CHIP CAP. 10 p F 100V 10 p F 100V M C0061 NCT03CH-7R0AY CHIP CAP. CHIP CAP. 12 p F 50V J J C0062 QETN1HM-474Z E CAP. 0.47 μ F 50V M M C C0062 QETN1HM-474Z E CAP. 0.01 μ F 50V M C C0063 NCB21HK-103AY C0064 CHIP CAP. 0.01 μ F 50V K C C0065 QETN1HM-105Z E CAP. 1 μ F 50V M C C0067 NCT03CH-120AY CHIP CAP. 12 p F 50V M C C0067 NCT03CH-120AY CHIP CAP. 12 p F 50V M C	*					E CAP.	QETN1HM-105Z		C0050	
C0053 NCT03CH-5R0AY NCB21HK-103AY CHIP CAP. 5 p f 0.01 μ f 50V 50V 50V 6001 μ f C0054 NCB21HK-103AY CHIP CAP. 0.01 μ f 50V 50V K C0055 QETN1CM-476Z E CAP. 47 μ f 16V 16V M C0056 QETN1HM-474Z E CAP. 0.47 μ f 50V 50V M C0057 NCT03CH-102AY CHIP CAP. 1000 p f 50V 50V J C0058 NCB21HK-472AY CHIP CAP. 4700 p f 50V 50V J C0059 QAT3110-100A TRIM.CAPACITOR 10 p f 100V C0060 NCT03CH-120AY CHIP CAP. 12 p f 50V J C0061 NCT03CH-7ROAY CHIP CAP. 7 p f 50V J C0062 QETN1HM-474Z E CAP. 0.47 μ f 50V M C0063 NCB21HK-103AY CHIP CAP. 0.01 μ f 50V K C0064 NCB21HK-103AY CHIP CAP. 12 p f 50V M	*	K	50V			CHIP CAP.	NCB21HK-472AY		C0051	
C0054 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0055 QETN1CM-476Z E CAP. 47 μ F 16V M C0056 QETN1HM-474Z E CAP. 0.47 μ F 50V M C0057 NCT03CH-102AY CHIP CAP. 1000 p F 50V J C0058 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0059 QAT3110-100A TRIM.CAPACITOR 10 p F 50V K C0060 NCT03CH-120AY CHIP CAP. 12 p F 50V J C0061 NCT03CH-7R0AY CHIP CAP. 7 p F 50V J C0062 QETN1HM-474Z E CAP. 0.47 μ F 50V M C0063 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0064 NCB21HK-472AY CHIP CAP. 12 p F 50V K C0065 QETN1HM-305Z E CAP. 12 p F 50V M C0067 NCB21HK-472AY C) p F	10	TRIM.CAPACITOR			C0052	
C0055 QETN1CM-476Z E CAP. 47 μ F 16V M C0056 QETN1HM-474Z E CAP. 0.47 μ F 50V M C0057 NCT03CH-102AY CHIP CAP. 1000 p F 50V J C0058 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0059 QAT3110-100A TRIM.CAPACITOR 10 p F 100V J C0060 NCT03CH-120AY CHIP CAP. 12 p F 50V J C0061 NCT03CH-7R0AY CHIP CAP. 0.47 μ F 50V M C0062 QETN1HM-474Z E CAP. 0.47 μ F 50V M C0063 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0064 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0065 QETN1HM-105Z E CAP. 12 p F 50V M C0067 NCT03CH-120AY CHIP CAP. 12 p F 50V J C0071 QETN1HM-336Z <t< td=""><td></td><td></td><td>50V</td><td></td><td></td><td>CHIP CAP.</td><td></td><td></td><td>C0053</td><td></td></t<>			50V			CHIP CAP.			C0053	
C0056 QETN1HM-474Z E CAP. 0.47 μ F 50V M M C0057 NCT03CH-102AY CHIP CAP. 1000 p F 50V J J C0058 NCB21HK-472AY CHIP CAP. 4700 p F 50V K K C0059 QAT3110-100A TRIM.CAPACITOR 10 p F 100V K C0060 NCT03CH-120AY CHIP CAP. 12 p F 50V J J C0061 NCT03CH-7R0AY CHIP CAP. 7 p F 50V J J C0062 QETN1HM-474Z E CAP. 0.47 μ F 50V M M C0063 NCB21HK-103AY CHIP CAP. 4700 p F 50V M K C0064 NCB21HK-472AY CHIP CAP. 470 p F 50V M K C0065 QETN1HM-105Z E CAP. 12 p F 50V M K C0067 NCT03CH-120AY CHIP CAP. 12 p F 50V J K C0069-70 NCB21HK-103AY CHIP CAP. 33 μ F 50V M K C0071 QET	*	K	50V	lμF	0.01	CHIP CAP.	NCB21HK-103AY		C0054	
C0057 NCT03CH-102AY CHIP CAP. 1000 p F 50V J C0058 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0059 QAT3110-100A TRIM.CAPACITOR 10 p F 100V C0060 NCT03CH-120AY CHIP CAP. 12 p F 50V J C0061 NCT03CH-7R0AY CHIP CAP. 7 p F 50V J C0062 QETN1HM-474Z E CAP. 0.47 μ F 50V M C0063 NCB21HK-103AY CHIP CAP. 4700 p F 50V K C0064 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0065 QETN1HM-105Z E CAP. 1 μ F 50V K C0067 NCT03CH-120AY CHIP CAP. 12 p F 50V J C0069-70 NCB21HK-103AY CHIP CAP. 33 μ F 50V K C0071 QETN1HM-336Z E CAP. 33 μ F 50V K C0071 QETN1HM-476Z E CAP. 4700 p F 50V K C0101 QETN1CM-476Z E CAP. 47 μ F 16V M	*	М	16V			E CAP.	QETN1CM-476Z		C0055	
C0058 NCB21HK-472AY CHIP CAP. 4700 p F 50V K K C0059 QAT3110-100A TRIM.CAPACITOR 10 p F 100V C C0060 NCT03CH-120AY CHIP CAP. 12 p F 50V J C C0061 NCT03CH-7R0AY CHIP CAP. 7 p F 50V M M C0062 QETN1HM-474Z E CAP. 0.47 μ F 50V M M C0063 NCB21HK-103AY CHIP CAP. 4700 p F 50V K K C0064 NCB21HK-472AY CHIP CAP. 4700 p F 50V K K C0065 QETN1HM-105Z E CAP. 1 μ F 50V M K C0067 NCT03CH-120AY CHIP CAP. 0.01 μ F 50V M K C0071 QETN1HM-336Z E CAP. 33 μ F 50V M K C0071 QETN1HM-336Z E CAP. 47 μ F 16V M C0102 NCT03CH-331AY CHIP CAP. 47 μ F 50V J C0103 NCT03CH-470AY CHIP CAP.	*	М	50V	μF	0.47	E CAP.	QETN1HM-474Z		C0056	
C0059 QAT3110-100A TRIM.CAPACITOR 10 p f 100V C0060 NCT03CH-120AY CHIP CAP. 12 p f 50V J C0061 NCT03CH-7R0AY CHIP CAP. 7 p f 50V J C0062 QETN1HM-474Z E CAP. 0.47 μ f 50V M C0063 NCB21HK-103AY CHIP CAP. 0.01 μ f 50V K C0064 NCB21HK-472AY CHIP CAP. 4700 p f 50V K C0065 QETN1HM-105Z E CAP. 1 μ f 50V M C0067 NCT03CH-120AY CHIP CAP. 12 p f 50V J C0069-70 NCB21HK-103AY CHIP CAP. 0.01 μ f 50V K C0071 QETN1HM-336Z E CAP. 33 μ f 50V M C0080-81 NCB21HK-472AY CHIP CAP. 4700 p f 50V K C0101 QETN1CM-476Z E CAP. 33 μ f 50V M C0102 NCT03CH-270AY CHIP CAP. 47 μ f 16V M C0103 NCT03CH-270AY CHIP CAP. 220 p f 50V	*	J	50V) p F	1000	CHIP CAP.	NCT03CH-102AY		C0057	
C0060 NCT03CH-120AY CHIP CAP. 12 p F 50V J C0061 NCT03CH-7R0AY CHIP CAP. 7 p F 50V J C0062 QETN1HM-474Z E CAP. 0.47 μ F 50V M C0063 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0064 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0065 QETN1HM-105Z E CAP. 1 μ F 50V M C0067 NCT03CH-120AY CHIP CAP. 12 p F 50V J C0069-70 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0071 QETN1HM-336Z E CAP. 33 μ F 50V M C0080-81 NCB21HK-472AY CHIP CAP. 47 μ F 16V M C0101 QETN1CM-476Z E CAP. 47 μ F 16V M C0102 NCT03CH-331AY CHIP CAP. 330 p F 50V J C0103 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0140 QETN1HM-335Z E CAP. 3.3 μ F 50V M	*	K	50V) p F	4700	CHIP CAP.	NCB21HK-472AY		C0058	
C0061 NCT03CH-7R0AY CHIP CAP. 7 p F 50V J C0062 QETN1HM-474Z E CAP. 0.47 μ F 50V M C0063 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0064 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0065 QETN1HM-105Z E CAP. 1 μ F 50V M C0067 NCT03CH-120AY CHIP CAP. 12 p F 50V J C0069-70 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0071 QETN1HM-336Z E CAP. 33 μ F 50V M C0080-81 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0101 QETN1HM-336Z E CAP. 47 μ F 16V M C0102 NCT03CH-331AY CHIP CAP. 47 μ F 50V J C0103 NCT03CH-331AY CHIP CAP. 330 p F 50V J C0104 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0140 QETN1HM-335Z E CAP. 330 p F 50V M <td></td> <td></td> <td>100V</td> <td></td> <td></td> <td></td> <td>QAT3110-100A</td> <td></td> <td>C0059</td> <td></td>			100V				QAT3110-100A		C0059	
C0062 QETN1HM-474Z E CAP. 0.47 μ F 50V M C0063 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0064 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0065 QETN1HM-105Z E CAP. 1 μ F 50V M C0067 NCT03CH-120AY CHIP CAP. 12 p F 50V J C0069-70 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0071 QETN1HM-336Z E CAP. 33 μ F 50V M C0080-81 NCB21HK-472AY CHIP CAP. 4700 p F 50V M C0101 QETN1CM-476Z E CAP. 47 μ F 16V M C0102 NCT03CH-331AY CHIP CAP. 330 p F 50V J C0103 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0104 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0141 NCB21HK-322AY CH	*	J	50V	2 p F	12		NCT03CH-120AY		C0060	
C0063 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K K C0064 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C C0065 QETN1HM-105Z E CAP. 1 μ F 50V M C C0067 NCT03CH-120AY CHIP CAP. 12 p F 50V M C C0069-70 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C C0071 QETN1HM-336Z E CAP. 33 μ F 50V M C C0080-81 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C C0101 QETN1CM-476Z E CAP. 47 μ F 16V M C0102 NCT03CH-331AY CHIP CAP. 330 p F 50V J C0103 NCT03CH-331AY CHIP CAP. 47 p F 50V J C0104 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0140 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0141 NCB21HK-332AY CHIP CAP. 3300 p F 50V M <td>*</td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	*	_								
C0064 NCB21HK-472AY CHIP CAP. 4700 p F 50V K K C0065 QETN1HM-105Z E CAP. 1 μ F 50V M C0067 NCT03CH-120AY CHIP CAP. 12 p F 50V M C0069-70 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C0071 QETN1HM-336Z E CAP. 33 μ F 50V M C0080-81 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0101 QETN1CM-476Z E CAP. 47 μ F 16V M C0102 NCT03CH-331AY CHIP CAP. 330 p F 50V J C0103 NCT03CH-270AY CHIP CAP. 47 p F 50V J C0104 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0104 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0140 QETN1HM-335Z E CAP. 3300 p F 50V M C0141 NCB21HK-322AY CHIP CAP. 3300 p F 50V M C0142 QETN1HM-105Z E CAP. 1 μ F 50V M M C0143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J M	*	М	50V	μF	0.47	E CAP.	QETN1HM-474Z		C0062	
C0064 NCB21HK-472AY CHIP CAP. 4700 p F 50V K K C0065 QETN1HM-105Z E CAP. 1 μ F 50V M M C0067 NCT03CH-120AY CHIP CAP. 12 p F 50V J C C0069-70 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K C C0071 QETN1HM-336Z E CAP. 33 μ F 50V M C C0080-81 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C C0101 QETN1CM-476Z E CAP. 47 μ F 16V M C0102 NCT03CH-331AY CHIP CAP. 330 p F 50V J C0103 NCT03CH-470AY CHIP CAP. 47 p F 50V J C0104 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0140 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0141 NCB21HK-322AY CHIP CAP. 3300 p F 50V M C0142 QETN1HM-105Z E CAP. 1 μ F 50V M C0	*	K	50V	lμF	0.01	CHIP CAP.	NCB21HK-103AY		C0063	
C0065 QETN1HM-105Z E CAP. 1 μ F 50V M M C0067 NCT03CH-120AY CHIP CAP. 12 μ F 50V J J C0069-70 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K K C0071 QETN1HM-336Z E CAP. 33 μ F 50V M C C0080-81 NCB21HK-472AY CHIP CAP. 4700 μ F 50V K C C0101 QETN1CM-476Z E CAP. 47 μ F 16V M C0102 NCT03CH-331AY CHIP CAP. 330 μ F 50V J C0103 NCT03CH-331AY CHIP CAP. 47 μ F 50V J C0104 NCT03CH-221AY CHIP CAP. 220 μ F 50V J C0104 NCT03CH-221AY CHIP CAP. 220 μ F 50V J C0140 QETN1HM-335Z E CAP. 3300 μ F 50V M C0141 NCB21HK-332AY CHIP CAP. 3300 μ F 50V M C0143 QETN1HM-105Z E CAP. 1 μ F 50V M C0144 <t< td=""><td>*</td><td>K</td><td>50V</td><td>p F</td><td>4700</td><td></td><td>NCB21HK-472AY</td><td></td><td>C0064</td><td></td></t<>	*	K	50V	p F	4700		NCB21HK-472AY		C0064	
C0069-70 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K K C0071 QETN1HM-336Z E CAP. 33 μ F 50V M C0080-81 NCB21HK-472AY CHIP CAP. 4700 p F 50V K C0101 QETN1CM-476Z E CAP. 47 μ F 16V M C0102 NCT03CH-331AY CHIP CAP. 330 p F 50V J J C0103 NCT03CH-470AY CHIP CAP. 47 p F 50V J J C0104 NCT03CH-221AY CHIP CAP. 220 p F 50V J J C0140 QETN1HM-335Z E CAP. 3.3 μ F 50V M M C0141 NCB21HK-332AY CHIP CAP. 3300 p F 50V K C C0142 QETN1HM-105Z E CAP. 1 μ F 50V M M C0143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J M C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K M C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K	*	М	50V	lμF	1	E CAP.	QETN1HM-105Z		C0065	
C0071 QETN1HM-336Z E CAP. 33 μ F 50V M M C0080-81 NCB21HK-472AY CHIP CAP. 4700 p F 50V K K C0101 QETN1CM-476Z E CAP. 47 μ F 16V M C0102 NCT03CH-331AY CHIP CAP. 330 p F 50V J C0103 NCT03CH-470AY CHIP CAP. 47 p F 50V J C0104 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0140 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0141 NCB21HK-322AY CHIP CAP. 3300 p F 50V M C0142 QETN1HM-105Z E CAP. 1 μ F 50V M C0143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J C0144 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K C0601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	*	J	50V	2 p F	12	CHIP CAP.	NCT03CH-120AY		C0067	
C0080-81 NCB21HK-472AY CHIP CAP. 4700 p F 50V K K C0101 QETN1CM-476Z E CAP. 47 μ F 16V M C0102 NCT03CH-331AY CHIP CAP. 330 p F 50V J C0103 NCT03CH-470AY CHIP CAP. 47 p F 50V J C0104 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0140 QETN1HM-335Z E CAP. 3300 p F 50V M C0141 NCB21HK-332AY CHIP CAP. 3300 p F 50V K C0142 QETN1HM-105Z E CAP. 1 μ F 50V M C0143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J C0144 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K C0601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	*	K	50V	lμF	0.01	CHIP CAP.	NCB21HK-103AY	70	C0069-	
CO101 QETN1CM-476Z E CAP. 47 μ F 16V M CO102 NCT03CH-331AY CHIP CAP. 330 p F 50V J CO103 NCT03CH-470AY CHIP CAP. 47 p F 50V J CO104 NCT03CH-221AY CHIP CAP. 220 p F 50V J CO140 QETN1HM-335Z E CAP. 3.3 μ F 50V M CO141 NCB21HK-332AY CHIP CAP. 3300 p F 50V K CO142 QETN1HM-105Z E CAP. 1 μ F 50V M CO143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J CO144 QETN1HM-335Z E CAP. 3.3 μ F 50V M CO145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K CO601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J		M	50V	βµF	33	E CAP.	QETN1HM-336Z		C0071	
C0102 NCT03CH-331AY CHIP CAP. 330 p F 50V J C0103 NCT03CH-470AY CHIP CAP. 47 p F 50V J C0104 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0140 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0141 NCB21HK-332AY CHIP CAP. 3300 p F 50V K C0142 QETN1HM-105Z E CAP. 1 μ F 50V M C0143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J C0144 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K C0601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	*	K	50V) p F	4700	CHIP CAP.	NCB21HK-472AY	81	C0080-	
C0103 NCT03CH-470AY CHIP CAP. 47 p F 50V J C0104 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0140 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0141 NCB21HK-332AY CHIP CAP. 3300 p F 50V K C0142 QETN1HM-105Z E CAP. 1 μ F 50V M C0143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J C0144 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K C0601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	*	М	16V	μF	47	E CAP.	QETN1CM-476Z		C0101	
C0104 NCT03CH-221AY CHIP CAP. 220 p F 50V J C0140 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0141 NCB21HK-332AY CHIP CAP. 3300 p F 50V K C0142 QETN1HM-105Z E CAP. 1 μ F 50V M C0143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J C0144 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K C0601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	*		50V) p F	330		NCT03CH-331AY		C0102	
C0140 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0141 NCB21HK-332AY CHIP CAP. 3300 p F 50V K C0142 QETN1HM-105Z E CAP. 1 μ F 50V M C0143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J C0144 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K C0601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	. *	J	50V	p F	47	CHIP CAP.	NCT03CH-470AY		C0103	
C0141 NCB21HK-332AY CHIP CAP. 3300 p F 50V K C0142 QETN1HM-105Z E CAP. 1 μ F 50V M C0143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J C0144 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K C0601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	*	J	50V				NCT03CH-221AY		C0104	
C0142 QETN1HM-105Z E CAP. 1 μ F 50V M C0143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J C0144 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K C0601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	*	М	50V				QETN1HM-335Z		C0140	
C0143 QFLC1HJ-683Z M CAP. 0.068 μ F 50V J C0144 QETN1HM-335Z E CAP. 3.3 μ F 50V M C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K C0601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	*	K	50V) p F	3300	CHIP CAP.			C0141	
CO144 QETN1HM-335Z E CAP. 3.3 μ F 50V M CO145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K CO601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	*	M					QETN1HM-105Z		C0142	
C0145 NCB21HK-222AY CHIP CAP. 2200 p F 50V K C0601 QFLC1HJ-183MZ M CAP. 0.018 µ F 50V J		J	50V	μF	0.068	M CAP.	QFLC1HJ-683Z		C0143	
CO601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	*	М	50V	βµF	3.3	E CAP.	QETN1HM-335Z		C0144	
CO601 QFLC1HJ-183MZ M CAP. 0.018 μ F 50V J	*	K	50V	рF	2200	CHIP CAP.	NCB21HK-222AY		C0145	
	*	J	50V							
	*	M	16V	μF	47	E CAP.	QETN1CM-476Z		C0602	
C0603 0ETN1HM-106Z E CAP. 10 µ F 50V M	*	M	50V	μF	10		QETN1HM-106Z		C0603	
C0604 QETN1HM-105Z E CAP. 1 µF 50V M	*	M	50V			E CAP.	QETN1HM-105Z		C0604	
C0605 QETN1CM-477Z E CAP. 470 µ F 16V M	. *	M	16V	μF	470	E CAP.	QETN1CM-477Z		C0605	
C0606 NCB21HK-103AY CHIP CAP. 0.01μF 50V K	*	K	50V	μF	0.01	CHIP CAP.	NCB21HK-103AY		C0606	
TRANSFORMER						•	ORMER	NSF	TRA	
T0020 QQR0626-001 IF TRANSF.	*						• •			
T0050 CELT001-307 CW TRANSF.	*									
T0051 CELT001-306 C.WAVE TRANSF.	*					C.WAVE TRANSF.	CELT001-306		T0051	
COIL				,	o 47	DEALTHO COT	CEL DO 44 D 47	L		
L0020 CELP041-R47 PEAKING COIL 0.47 μ H	*			μН	U.47					
L0021 CE41131-1R5Y CHIP INDUCTOR	T .									
L0030 CE41131-2R2Y CHIP INDUCTOR	*									
L0040 CE41131-4R7Y CHIP INDUCTOR	* •							- 0		
L0050-53 CE41131-8R2Y CHIP INDUCTOR	*							53		
L0070 CE41131-5R6Y INDUCTOR	*									
L0101 CE41131-6R8Y CHIP INDUCTOR						CHIE INDUCTOR	CE41131-0K81		F0101	_

Part No.	Part Name	Description	Local
CE41131-220Y CE41131-100Y CE41131-5R6Y	INDUCTOR INDUCTOR INDUCTOR		*
1SS85-T5 1SS85-T5	SI.DIODE SI.DIODE		
S T O R 2SC5083(L-P)-T 2SC2712(YG)-X 2SC2712(YG)-X 2SA1162(YG)-X DTC144EK-X 2SC2712(YG)-X 2SC2712(YG)-X 2SA1162(YG)-X DTC144EK-X 2SC2712(YG)-X DTC144EK-X	SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR DIGI.TRANSISTOR DIGI.TRANSISTOR		****
TA8865BN TPS5.5MW CSB503F30-T2 QAX0316-001 CE42574-702	I.C.(MONO-ANA) CERAMIC FILTER CER.RESONATOR SAW FILTER SAW FILTER		*
	CE41131-220Y CE41131-100Y CE41131-5R6Y 1SS85-T5 1SS85-T5 1SS85-T5 S T O R 2SC5083(L-P)-T 2SC2712(YG)-X 2SC2712(YG)-X 2SA1162(YG)-X DTC144EK-X 2SC2712(YG)-X DTC144EK-X 2SC2712(YG)-X DTC144EK-X 2SC2712(YG)-X DTC144EK-X 2SC2712(YG)-X TA8865BN TPS5.5MW CSB503F30-T2 QAX0316-001 CE42574-702	CE41131-220Y INDUCTOR CE41131-100Y INDUCTOR CE41131-5R6Y INDUCTOR 1SS85-T5 SI.DIODE 1SS85-T5 SI.DIODE S T O R 2SC5083(L-P)-T SI.TRANSISTOR 2SC2712(YG)-X SI.TRANSISTOR 2SC2712(YG)-X SI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR 2SC2712(YG)-X SI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR 2SC2712(YG)-X SI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR 2SC2712(YG)-X SI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR 2SC2712(YG)-X SI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR 2SC2712(YG)-X SI.TRANSISTOR 2SC271	CE41131-220Y INDUCTOR CE41131-100Y INDUCTOR CE41131-5R6Y INDUCTOR 1SS85-T5 SI.DIODE 1SS85-T5 SI.DIODE S T O R 2SC5083(L-P)-T SI.TRANSISTOR 2SC2712(YG)-X SI.TRANSISTOR 2SC2712(YG)-X SI.TRANSISTOR 2SC4712(YG)-X SI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR 2SC2712(YG)-X SI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR DTC144EK-X DIGI.TRANSISTOR TTANSISTOR DTC144EK-X DIGI.TRANSISTOR DTC144EK-X DIGI.TRAN

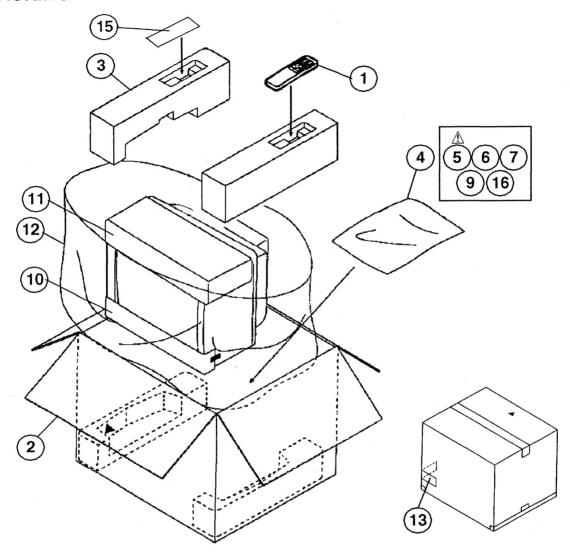
AV SEL & MSP PW BOARD ASS'Y [SJE0S701A-U2]

\triangle	Symbol No.	Part No.	Part Name	Description		Local
Δ	RESIST R0104 R0206 R0403 R0621	O R QRG019J-101S QRG019J-101S QRZ0054-470M QRG019J-181S	OM R OM R F R OM R	100 Ω 100 Ω 47 Ω 1 180 Ω	1W J 1W J /4W J 1W J	*
	C A P A C I C0101 C0102 C0103 C0104 C0105-07 C0108 C0111 C0113	T O R QETN1HM-106Z QETN1CM-477Z QETN1CM-227Z QETN1CM-107Z QETN1HM-106Z QEN61CM-106Z NCB21HK-472AY NCB21HK-472AY	E CAP. E CAP. E CAP. E CAP. E CAP. BP E CAP. CHIP CAP.	470 μ F 220 μ F 100 μ F 10 μ F 10 μ F 4700 p F	50V M 16V M 16V M 16V M 50V M 50V M 50V K	* * * * *
	C0115-16 C0117-18 C0201 C0202 C0203-04 C0206 C0207-08 C0211	QEN61HM-105Z QETN1HM-106Z QETN1HM-106Z QFLC1HJ-103MZ QETN1CM-477Z QETN1CM-476Z QETN1CM-107Z NCB21HK-472AY	BP E CAP. E CAP. E CAP. M CAP. E CAP. E CAP. E CAP. CAP.	10 μ F 10 μ F 0 . 01 μ F 470 μ F 47 μ F 100 μ F	50V M 50V M 50V M 50V J 16V M 16V M 16V M	* * * * * *
-	C0213 C0215-16 C0217-18 C0219 C0301 C0304-05 C0401 C0402	NCB21HK-472AY QETN1HM-105Z QETN1HM-106Z NCT03CH-220AY QETN1CM-476Z QETN1HM-105Z QETN1CM-107Z NCF21EZ-104AY	CHIP CAP. E CAP. E CAP. CHIP CAP. E CAP. E CAP. E CAP. E CAP. CER.CAPACITOR-M	1 μ F 10 μ F 22 p F 47 μ F 1 μ F 100 μ F	50V K 50V M 50V M 50V J 16V M 50V M 16V M 25V Z	* * * * * * *

Symbol No.						
•	Part No.	Part Name	Descripti	on		Loc
CAPACI	TOR					
C0403	QEN61CM-106Z	BP E CAP.	10 μ F	16V	М	
C0404	QETN1CM-477Z	E CAP.	470 µ F	16V	М	
C0405	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F	25V	ž	
C0406-07	NCB21HK-103AY	CHIP CAP.	0.01 µ F	50V	ĸ	
					M	
C0521	QETN1CM-476Z	E CAP.	47 μ F	16V		
C0522	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	
C0523	NCT03CH-820AY	CHIP CAP.	82 p F	50V	J	
C0524	NCT03CH-470AY	CHIP CAP.	47 p F	50V	J	
C0526	NCT03CH-390AY	CHIP CAP.	39 p F	50V	J	
C0601-02	QCT25CH-2R0Z	C CAP.	2 p F	50V	J	
C0603-04	NCB21HK-103AY	CHIP CAP.	0.01 n F	50V	K	
C0605-06	QETN1HM-106Z	E CAP.	10 µ F	50V	М	
C0607-09	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 µ F	25V	Z	
C0610	QETN1CM-107Z	E CAP.	100 µ F	16V	М	
C0611-12	NCTO3CH-471AY	CHIP CAP.	470 p F	50V	j	
C0613	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 µ F	25V	Z	
C0614	QETN1HM-106Z	E CAP.	10 μ F	50V	M	
C0616	NCF21EZ-104AY	CER.CAPACITOR-M	0.1μF	25V	Z	
C0617-18	QETN1HM-106Z	E CAP.	10 μ F	50V	М	
C0619-22	NCB21HK-102AY	CHIP CAP.	1000 p F	50V	K	
C0623	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	
C0625-26	NCB21HK-102AY	CHIP CAP.	1000 p F	50V	K	
C0627-28	NCT03CH-391AY	CHIP CAP.	390 p F	50V	J	
C0629-30	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	
C0621 22	NCD21UV_1E2AV	CHIP CAP.	1500 p F	50V	K	
C0631-32	NCB21HK-152AY		•			
C0633-34	NCB21HK-103AY	CHIP CAP.	0.01 μ Ε	50V	K	
C0635-36	QETN1HM-105Z	E CAP.	1 μ F	50V	М	
C0637	QETN1CM-107Z	E CAP.	100 µ F	16V	М	
C0641	QETN1CM-476Z	E CAP.	47 μ F	16V	М	
C0644	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	
C0650	QETN1HM-105Z	E CAP.	1 μ F	50V	M	
C0651	QETN1CM-107Z	E CAP.	100 μ F	16V	M	
C0652-53	QEN61CM-106Z	BP E CAP.	10 μ F	16V	М	
	•	E CAP.	10 μ F	50V	M	
C0691 C0692	QETN1HM-106Z OCZ0120-104MZ	C CAP.	0.1μF	25V	Ž	
COIL	CEL DO17_506V	PEAKING COIL	5.6 µ H			
L0101-04	CELP017-5R6Y		5.0 μ 11			
L0105	CE41832-001	LEAD CORE	<i>-</i> 0 11			
L0201-04	CELP017-5R6Y	PEAKING COIL	5.6 µ H			
L0205	CE41832-001	LEAD CORE				
L0504	CELP027-180Z	PEAKING COIL	18 µ H			
	CELP027-180Z CELP027-220Z	PEAKING COIL PEAKING COIL	18 µ H 22 µ H			
L0505	CELP027-220Z	PEAKING COIL				
L0505 L0606 L0607	CELP027-220Z CELC005-2R5J7 CELP026-100Z	PEAKING COIL CHOKE COIL PEAKING COIL	22 μ Η			
L0505 L0606	CELP027-220Z CELC005-2R5J7	PEAKING COIL CHOKE COIL	22 μ Η			
L0505 L0606 L0607 L0608	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7	PEAKING COIL CHOKE COIL CHOKE COIL	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101 D0301	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X	PEAKING COIL CHOKE COIL CHOKE COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101 D0301	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X	PEAKING COIL CHOKE COIL CHOKE COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101 D0301 D0304-05	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101 D0301 D0304-05 D0401-02	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE	22 μ Η			
DIODE D0101 D0301 D0304-05 D0401-02 D0403 D0601	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE	22 μ Η			
L0505 L0606 L0607 L0608 DIODE D0101 D0301 D0304-05 D0401-02 D0403 D0601 TRANSI	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2 S T O R	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE ZENER DIODE	22 μ Η			
DIODE D0101 D0301 D0304-05 D0401-02 D0403 TRANSI Q0101-02	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2 S T O R 2SC2712(YG)-X	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE ZENER DIODE SI.TRANSISTOR	22 μ Η			
D I O D E D0101 D0301 D0304-05 D0401-02 D0403 DT R A N S I Q0101-02 Q0103-04	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2 S T O R 2SC2712(YG)-X DTC323TK-X	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE ZENER DIODE SI.TRANSISTOR DIGI.TRANSISTOR	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101 D0301 D0304-05 D0401-02 D0403 D0601 T R A N S I Q0101-02 Q0103-04 Q0105	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2 S T O R 2SC2712(YG)-X DTC323TK-X 2SA1162(YG)-X	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE ZENER DIODE SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101 D0301 D0304-05 D0401-02 D0403 D0601 T R A N S I Q0101-02 Q0103-04	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2 S T O R 2SC2712(YG)-X DTC323TK-X 2SA1162(YG)-X 2SC2712(YG)-X	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE ZENER DIODE SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101 D0301 D0304-05 D0401-02 D0403 D0601 T R A N S I Q0101-02 Q0103-04 Q0105	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2 S T O R 2SC2712(YG)-X DTC323TK-X 2SA1162(YG)-X	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE ZENER DIODE SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101 D0301 D0304-05 D0401-02 D0403 D0601 T R A N S I Q0101-02 Q0103-04 Q0105 Q0201	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2 S T O R 2SC2712(YG)-X DTC323TK-X 2SA1162(YG)-X 2SC2712(YG)-X	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE ZENER DIODE SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101 D0301 D0304-05 D0401-02 D0403 D0601 T R A N S I Q0101-02 Q0103-04 Q0105 Q0201 Q0202 Q0203-04	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2 S T O R 2SC2712(YG)-X DTC323TK-X 2SA1162(YG)-X 2SA1162(YG)-X 2SA1162(YG)-X DTC323TK-X	PEAKING COIL CHOKE COIL PEAKING COIL CHOKE COIL ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE ZENER DIODE SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101 D0301 D0304-05 D0401-02 D0403 D0601 T R A N S I Q0101-02 Q0103-04 Q0105 Q0201 Q0202	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2 S T O R 2SC2712(YG)-X DTC323TK-X 2SA1162(YG)-X 2SA1162(YG)-X 2SA1162(YG)-X	PEAKING COIL CHOKE COIL PEAKING COIL ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE ZENER DIODE SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR DIGI.TRANSISTOR	22 μ Η			
L0505 L0606 L0607 L0608 D I O D E D0101 D0304-05 D0401-02 D0403 D0601 T R A N S I Q0101-02 Q0103-04 Q0105 Q0201 Q0202 Q0203-04 Q0401-03	CELP027-220Z CELC005-2R5J7 CELP026-100Z CELC005-2R5J7 MA3051(M)-X MA3130(H)-X MA3130(H)-X MA3130(H)-X MA3100(L)-X RD8.2E(B2)-T2 S T O R 2SC2712(YG)-X DTC323TK-X 2SA1162(YG)-X 2SA1162(YG)-X DTC323TK-X 2SC2712(YG)-X	PEAKING COIL CHOKE COIL PEAKING COIL ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE CHIP ZENER DIODE ZENER DIODE SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR	22 μ Η			

riangle Symbol No.	Part No.	Part Name	Description	Local
I C IC0401 IC0601 IC0602	TEA6416 MSP3410B-PP-F7 BA4558F-X	I.C.(MONO-ANA) I.C.(DIGI-OTHER) I C		*
OTHERS EF0601-02 J0001-02 X0601	S CE42142-103Z CE40529-009J1 CE42546-001Z	EMI FILTER 21 PIN SOCKET CRYSTAL		*

PACKING



PACKING PARTS LIST

Æ	Symbol No.	Part No.	Part Name	Description	Local
	1	RM-C795-1E	REMOCON UNIT		*
	2	AEM1002-E37-E	PACKING CASE		*
	3	CP11411-B0A-E	CUSHION ASSY	4pcs in 1set	*
	4	AEM3021-001-E	POLY BAG		*
1	5	CO40321-001-E	INST.BOOK		*
-	6	CO40322-001-E	SET-UP GUIDE		*
	7	BT-20116(192)E	ADDRESS CARD		*
	9	BT-54008-1E	WARRANTY CARD		*
	10	CP40193-009-E	CUSHION SHEET		*
	11	CP40193-010-E	CUSHION SHEET		*
	12	AEM1004-006-E	SET COVER		*
	13	AEM1038-054-E	EURO LABEL		
	15	CEX41168-001	CABLE WIRE		*
	16	LCT0065-001A-U	WARNING SHEET		*